Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
Nuclear Physics A 758 (2005) 829c–859c
NUCLEAR PHYSICS A

Author index

Abbondanno, U., see Marrone, S. **A758** (2005) 533c
Abbondanno, U., see n_TOF Collaboration **A758** (2005) 501c
Abbondanno, U., see n_TOF Collaboration **A758** (2005) 573c
Achouri, N., see Angulo, C. **A758** (2005) 775c
Adahchour, A., see Descouvemont, P. **A758** (2005) 783c
Adelberger, E.G., see Snover, K.A. **A758** (2005) 685c
Aerts, G., see Marrone, S. **A758** (2005) 533c
Aerts, G., see n_TOF Collaboration **A758** (2005) 501c
Aerts, G., see n_TOF Collaboration **A758** (2005) 573c
Afanasjev, A.V., see Gasques, L.R. **A758** (2005) 134c
Ahle, L., see Church, J.A. **A758** (2005) 126c
Ahle, L., see Escher, J. **A758** (2005) 86c
Ahle, L., see Forssén, C. **A758** (2005) 130c
Ai, H., see Church, J.A. **A758** (2005) 126c
Aikawa, M., see Suda, T. **A758** (2005) 336c
Akimune, H., see Zegers, R.G.T. **A758** (2005) 67c
Algora, A., see Mukha, I. **A758** (2005) 647c
Aliotta, M., see Ruiz, C. **A758** (2005) 166c
Álvarez-Pol, H., see Marrone, S. **A758** (2005) 533c
Álvarez-Pol, H., see n_TOF Collaboration **A758** (2005) 501c
Álvarez-Pol, H., see n_TOF Collaboration **A758** (2005) 573c
Alvarez-Velarde, F., see Marrone, S. **A758** (2005) 533c
Alvarez-Velarde, F., see n_TOF Collaboration **A758** (2005) 501c
Alvarez-Velarde, F., see n_TOF Collaboration **A758** (2005) 573c
Amadio, G., see Kubono, S. **A758** (2005) 733c
Amro, H., see Church, J.A. **A758** (2005) 126c
Ando, H., see Honda, S. **A758** (2005) 296c
Ando, Y., see Gomi, T. **A758** (2005) 761c
Ando, Y., see Togano, Y. **A758** (2005) 182c
Andriamonje, S., see Marrone, S. **A758** (2005) 533c
Andriamonje, S., see n_TOF Collaboration **A758** (2005) 501c
Andriamonje, S., see n_TOF Collaboration **A758** (2005) 573c
Andrzejewski, J., see Marrone, S. **A758** (2005) 533c
Andrzejewski, J., see n_TOF Collaboration **A758** (2005) 501c
Andrzejewski, J., see n_TOF Collaboration **A758** (2005) 573c
Angulo, C., E. Casarejos, A. Coc, T. Davinson, N. Achouri, D. Cortina-Gil, M. Couder, P. Figuera, B. Fulton, J. Kiener, P. Leleux, I. Mukha, A.S. Murphy, A. Ninane, N. Orr, V. Tatischeff and F. Vanderbist, Study of ^{7}Be + d reactions for standard big bang nucleosynthesis **A758** (2005) 775c
Angulo, C., A.E. Champagne and H.-P. Trautvetter, *R*-matrix analysis of the ^{14}N(p,γ)^{15}O astrophysical *S*-factor **A758** (2005) 391c
Angulo, C., see Costantini, H. **A758** (2005) 383c

0375-9474/2005 Published by Elsevier B.V.
doi:10.1016/S0375-9474(05)00902-4

Angulo, C., see Couder, M. **A758** (2005) 741c

Angulo, C., see Descouvemont, P. **A758** (2005) 783c

Aoi, N., see Gomi, T. **A758** (2005) 761c

Aoi, N., see Togano, Y. **A758** (2005) 182c

Aoki, W., Elemental and isotopic abundances in metal-deficient stars **A758** (2005) 209c

Aoki, W., see Honda, S. **A758** (2005) 296c

Aoki, W., see Ishimaru, Y. **A758** (2005) 603c

Aprahamian, A., see Montes, F. **A758** (2005) 643c

Aprahamian, A., see Sun, Y. **A758** (2005) 765c

Arai, K., R. Matsuba, S. Fujimoto and M. Hashimoto, Nucleosynthesis inside an accretion disk in a collapsar **A758** (2005) 39c

Arai, K., see Fujimoto, S. **A758** (2005) 47c

Arai, K., see Hashimoto, M. **A758** (2005) 779c

Arai, K., see Yasutake, N. **A758** (2005) 43c

Arndt, O., see Montes, F. **A758** (2005) 643c

Asahara, R., see Tomizawa, N. **A758** (2005) 667c

Ashenfelter, T., see Otsuki, K. **A758** (2005) 316c

Ashenfelter, T.P., see Mathews, G.J. **A758** (2005) 238c

Assunção, M., see Hammer, J.W. **A758** (2005) 363c

Austin, S.M., Making carbon in stars **A758** (2005) 375c

Austin, S.M., see Zegers, R.G.T. **A758** (2005) 67c

Azuma, R., see Ugalde, C. **A758** (2005) 577c

Azuma, R.E., see Ruiz, C. **A758** (2005) 166c

Baba, H., see Gomi, T. **A758** (2005) 761c

Baba, H., see Kubono, S. **A758** (2005) 733c

Baba, H., see Togano, Y. **A758** (2005) 182c

Babilon, M., see Church, J.A. **A758** (2005) 126c

Badurek, G., see Marrone, S. **A758** (2005) 533c

Badurek, G., see n_TOF Collaboration **A758** (2005) 501c

Badurek, G., see n_TOF Collaboration **A758** (2005) 573c

Bai, X., see Liu, W. **A758** (2005) 110c

Bai, X.-X., see Shu, N.-C. **A758** (2005) 419c

Barbieri, C. and B.K. Jennings, Study of the $^{16}O(p,\gamma)$ reaction at astrophysical energies **A758** (2005) 395c

Bardayan, D.W., J.C. Blackmon, J. Gómez del Campo, R.L. Kozub, J.F. Liang, Z. Ma, L. Sahin, D. Shapira and M.S. Smith, New ^{19}Ne level observed with a thick target $^{18}F(p,p)^{18}F$ measurement **A758** (2005) 737c

Bardayan, D.W., see Kozub, R.L. **A758** (2005) 753c

Bardayan, D.W., see Nesaraja, C.D. **A758** (2005) 174c

Bardayan, D.W., see Thomas, J.S. **A758** (2005) 663c

Barklem, P.S., see Beers, T.C. **A758** (2005) 595c

Batchelder, J.C., see Kozub, R.L. **A758** (2005) 753c

Batist, L., see Mukha, I. **A758** (2005) 647c

Baumann, P., see Marrone, S. **A758** (2005) 533c

Baumann, P., see n_TOF Collaboration **A758** (2005) 501c

Baumann, P., see n_TOF Collaboration **A758** (2005) 573c

Baye, D., Behaviour of radiative-capture reactions near zero energy **A758** (2005) 114c

Bazin, D., see Zegers, R.G.T. **A758** (2005) 67c

Beard, M., see Gasques, L.R. **A758** (2005) 134c

Beausang, C., see Church, J.A. **A758** (2005) 126c

Beck, C., see Hammer, J.W. **A758** (2005) 363c

Becker, H.-W., see Harissopulos, S. **A758** (2005) 505c

Bečvář, F., see Marrone, S. **A758** (2005) 533c

Bečvář, F., see n_TOF Collaboration **A758** (2005) 501c

Bečvář, F., see n_TOF Collaboration **A758** (2005) 573c

Beers, T.C., P.S. Barklem, N. Christlieb and V. Hill, Efficient searches for r-process-enhanced, metal-poor stars **A758** (2005) 595c

Beers, T.C., see Honda, S. **A758** (2005) 296c

Beers, T.C., see Johnson, J.A. **A758** (2005) 221c

Beers, T.C., see Marsteller, B. **A758** (2005) 312c

Beers, T.C., see Wanajo, S. **A758** (2005) 615c

Bemmerer, D., see Costantini, H. **A758** (2005) 383c

Bemmerer, D., see Ruprecht, G. **A758** (2005) 170c

Ben-Dov, Y., see Nassar, H. **A758** (2005) 411c
Benlliure, J., see Marrone, S. **A758** (2005) 533c
Benlliure, J., see n_TOF Collaboration **A758** (2005) 501c
Benlliure, J., see n_TOF Collaboration **A758** (2005) 573c
Berg, G.P.A., see Zegers, R.G.T. **A758** (2005) 67c
Bernstein, L., see Escher, J. **A758** (2005) 86c
Bernstein, L.A., see Church, J.A. **A758** (2005) 126c
Bernstein, L.A., see Forssén, C. **A758** (2005) 130c
Berthoumieux, E., A multilevel multichannel R-matrix package for studying low energy resonant reactions **A758** (2005) 118c
Berthoumieux, E., see de Séréville, N. **A758** (2005) 745c
Berthoumieux, E., see Marrone, S. **A758** (2005) 533c
Berthoumieux, E., see n_TOF Collaboration **A758** (2005) 501c
Berthoumieux, E., see n_TOF Collaboration **A758** (2005) 573c
Bessell, M., see Marsteller, B. **A758** (2005) 312c
Besserer, U., see Reifarth, R. **A758** (2005) 787c
Bichler, M., see Vockenhuber, C. **A758** (2005) 340c
Binns, W.R., see Israel, M.H. **A758** (2005) 201c
Bishop, S., see Trinczek, M. **A758** (2005) 729c
Bisterzo, S., L. Pompeia, R. Gallino, M. Pignatari, K. Cunha, A. Heger and V. Smith, Cu and Zn in different stellar populations: Inferring their astrophysical origin **A758** (2005) 284c
Blackmon, J.C., Measurements with radioactive ion beams: Progress and prospects **A758** (2005) 102c
Blackmon, J.C., see Bardayan, D.W. **A758** (2005) 737c
Blackmon, J.C., see Kozub, R.L. **A758** (2005) 753c
Blackmon, J.C., see Nesaraja, C.D. **A758** (2005) 174c
Blackmon, J.C., see Thomas, J.S. **A758** (2005) 663c
Blazhev, A., see Mukha, I. **A758** (2005) 647c
Boesgaard, A.M., see King, J.R. **A758** (2005) 300c
Bonetti, R., see Costantini, H. **A758** (2005) 383c
Bonomo, C., see La Cognata, M. **A758** (2005) 98c
Bonomo, C., see Rinollo, A. **A758** (2005) 146c
Boukari-Pelissie, C., see Hammer, J.W. **A758** (2005) 363c
Boyd, R.N., see Cole, A.L. **A758** (2005) 276c
Boyd, R.N., see Reitzner, S.D. **A758** (2005) 701c
Boyd, R.N., see Ruiz, C. **A758** (2005) 166c
Bravo, E., see Fröhlich, C. **A758** (2005) 27c
Broggini, C., see Costantini, H. **A758** (2005) 383c
Brown, E., see Fisker, J.L. **A758** (2005) 447c
Brown, E.F., A.C. Calder, T. Plewa, P.M. Ricker, K. Robinson and J.B. Gallagher, Type Ia supernovae: Simulations and nucleosynthesis **A758** (2005) 451c
Brown, J., see Zegers, R.G.T. **A758** (2005) 67c
Brune, C.R., see Kozub, R.L. **A758** (2005) 753c
Brune, C.R., see Matei, C. **A758** (2005) 403c
Buchmann, L., Comments on the $^{12}C(\alpha,\gamma)^{16}O$ reaction rate **A758** (2005) 355c
Buchmann, L., see Ruiz, C. **A758** (2005) 166c
Buchmann, L., see Snover, K.A. **A758** (2005) 685c
Buchmann, L., see Trinczek, M. **A758** (2005) 729c
Buras, R., see Janka, H.-T. **A758** (2005) 19c

Caggiano, J., see Church, J.A. **A758** (2005) 126c
Caggiano, J., see Lewis, R. **A758** (2005) 84c
Calder, A.C., see Brown, E.F. **A758** (2005) 451c
Calviño, F., see Marrone, S. **A758** (2005) 533c
Calviño, F., see n_TOF Collaboration **A758** (2005) 501c
Calviño, F., see n_TOF Collaboration **A758** (2005) 573c
Campbell, S., see Renda, A. **A758** (2005) 324c
Campbell, S.W., Y. Fenner, A.I. Karakas, J.C. Lattanzio and B.K. Gibson, Abundance anomalies in NGC6752—do AGB stars have a role? **A758** (2005) 272c
Cano-Ott, D., see Marrone, S. **A758** (2005) 533c

Cano-Ott, D., see n_TOF Collaboration **A758** (2005) 501c
Cano-Ott, D., see n_TOF Collaboration **A758** (2005) 573c
Capote, R., see Marrone, S. **A758** (2005) 533c
Capote, R., see n_TOF Collaboration **A758** (2005) 501c
Capote, R., see n_TOF Collaboration **A758** (2005) 573c
Casandjian, J.M., see Snover, K.A. **A758** (2005) 685c
Casarejos, E., see Angulo, C. **A758** (2005) 775c
Casarejos, E., see Couder, M. **A758** (2005) 741c
Cayrel, R., see Chiappini, C. **A758** (2005) 217c
Cennini, P., see Marrone, S. **A758** (2005) 533c
Cennini, P., see n_TOF Collaboration **A758** (2005) 501c
Cennini, P., see n_TOF Collaboration **A758** (2005) 573c
Chae, K., see Nesaraja, C.D. **A758** (2005) 174c
Chamon, L.C., see Gasques, L.R. **A758** (2005) 134c
Champagne, A.E., see Angulo, C. **A758** (2005) 391c
Champagne, A.E., see Iliadis, C. **A758** (2005) 73c
Champagne, A.E., see Kozub, R.L. **A758** (2005) 753c
Chen, A., see Ruiz, C. **A758** (2005) 166c
Chen, A.A., see Trinczek, M. **A758** (2005) 729c
Chen, Y., see Liu, W. **A758** (2005) 110c
Chen, Y.-S., see Shu, N.-C. **A758** (2005) 419c
Chepel, V., see Marrone, S. **A758** (2005) 533c
Chepel, V., see n_TOF Collaboration **A758** (2005) 501c
Chepel, V., see n_TOF Collaboration **A758** (2005) 573c
Cherubini, S., see La Cognata, M. **A758** (2005) 98c
Cherubini, S., see Rinollo, A. **A758** (2005) 146c
Cheung, T.D., see Marchese, P.J. **A758** (2005) 308c
Chiappini, C., F. Matteucci, P. François, R. Cayrel, M. Spite and F. Spite, Very metal poor stars in the Milky Way: Constraints on stellar nucleosynthesis **A758** (2005) 217c
Chiaveri, E., see Marrone, S. **A758** (2005) 533c
Chiaveri, E., see n_TOF Collaboration **A758** (2005) 501c
Chiaveri, E., see n_TOF Collaboration **A758** (2005) 573c
Chieffi, A., see Limongi, M. **A758** (2005) 11c
Chieffi, A., see Renda, A. **A758** (2005) 324c
Christlieb, N., see Beers, T.C. **A758** (2005) 595c
Christlieb, N., see Johnson, J.A. **A758** (2005) 221c
Christlieb, N., see Marsteller, B. **A758** (2005) 312c
Church, J.A., L. Ahle, L.A. Bernstein, J. Cooper, F.S. Dietrich, J. Escher, C. Forssen, H. Ai, H. Amro, M. Babilon, C. Beausang, J. Caggiano, A. Heinz, R. Hughes, E. McCutchan, D. Meyer, C. Plettner, J. Ressler and V. Zamfir, Determining neutron capture cross sections with the surrogate reaction technique: Measuring decay probabilities with STARS **A758** (2005) 126c
Church, J.A., see Escher, J. **A758** (2005) 86c
Church, J.A., see Forssén, C. **A758** (2005) 130c
Cizewski, J.A., see Kozub, R.L. **A758** (2005) 753c
Cizewski, J.A., see Thomas, J.S. **A758** (2005) 663c
Clarke, N.M., see Ruiz, C. **A758** (2005) 166c
Coc, A., see Angulo, C. **A758** (2005) 775c
Coc, A., see Descouvemont, P. **A758** (2005) 783c
Coc, A., see de Séréville, N. **A758** (2005) 745c
Coc, A., see Hammer, J.W. **A758** (2005) 363c
Cole, A.L., R.N. Boyd, M.E. Davis, L.G. Thompson, A.M. Davis, R.S. Lewis and E. Zinner, The search for supernova signatures in an ice core **A758** (2005) 276c
Cole, A.L., see Zegers, R.G.T. **A758** (2005) 67c
Colonna, N., see Marrone, S. **A758** (2005) 533c
Colonna, N., see n_TOF Collaboration **A758** (2005) 501c
Colonna, N., see n_TOF Collaboration **A758** (2005) 573c
Confortola, F., see Costantini, H. **A758** (2005) 383c
Cooper, J., see Church, J.A. **A758** (2005) 126c

Correia, J.J., see Hammer, J.W. **A758** (2005) 363c
Cortes, G., see Marrone, S. **A758** (2005) 533c
Cortes, G., see n_TOF Collaboration **A758** (2005) 501c
Cortes, G., see n_TOF Collaboration **A758** (2005) 573c
Cortina, D., see Marrone, S. **A758** (2005) 533c
Cortina, D., see n_TOF Collaboration **A758** (2005) 501c
Cortina, D., see n_TOF Collaboration **A758** (2005) 573c
Cortina-Gil, D., see Angulo, C. **A758** (2005) 775c
Corvisiero, P., see Costantini, H. **A758** (2005) 383c
Costantini, H., C. Angulo, D. Bemmerer, R. Bonetti, C. Broggini, F. Confortola, P. Corvisiero, J. Cruz, P. Descouvemont, A. Formicola, Z. Fülop, G. Gervino, A. Guglielmetti, C. Gustavino, G. Gyürky, G. Imbriani, A.P. Jesus, M. Junker, A. Lemut, R. Menegazzo, P. Prati, V. Roca, C. Rolfs, M. Romano, C. Rossi Alvarez, F. Schümann, E. Somorjai, O. Straniero, F. Strieder, F. Terrasi, H.P. Trautvetter, A. Vomiero and S. Zavatarelli, Recent results of the $^{14}N(p,\gamma)^{15}O$ measurement at LUNA **A758** (2005) 383c
Cotten, D.E., see Marchese, P.J. **A758** (2005) 308c
Cottrell, P.L., see Wylie, E.C. **A758** (2005) 581c
Couder, M., C. Angulo, E. Casarejos, P. Demaret, P. Leleux and F. Vanderbist, Study of the $^{19}Ne(p,\gamma)^{20}Na$ reaction and subsequent improvements to ARES **A758** (2005) 741c
Couder, M., see Angulo, C. **A758** (2005) 775c
Courtin, S., see Hammer, J.W. **A758** (2005) 363c
Couture, A., see Marrone, S. **A758** (2005) 533c
Couture, A., see n_TOF Collaboration **A758** (2005) 501c
Couture, A., see n_TOF Collaboration **A758** (2005) 573c
Couture, A., see Ugalde, C. **A758** (2005) 577c
Cox, J., see Marrone, S. **A758** (2005) 533c
Cox, J., see n_TOF Collaboration **A758** (2005) 501c
Cox, J., see n_TOF Collaboration **A758** (2005) 573c
Crannell, H., X. Jiang, J.T. O'Brien, D.I. Sober and E. Offermann, Measurement of the pair transition width for the decay of the 7.654 MeV, 0^+ state in ^{12}C **A758** (2005) 399c
Cristallo, S., O. Straniero and R. Gallino, S-process nucleosynthesis in low mass AGB stars: Do we really need an improved determination of the $^{13}C(\alpha,n)^{16}O$ reaction rate? **A758** (2005) 509c
Cristallo, S., see Gallino, R. **A758** (2005) 485c
Cruz, J., see Costantini, H. **A758** (2005) 383c
Cumming, A., Superbursts: A new probe of the rp-process **A758** (2005) 439c
Cummings, A.C., see Israel, M.H. **A758** (2005) 201c
Cunha, K., see Bisterzo, S. **A758** (2005) 284c
Cunha, K., see Renda, A. **A758** (2005) 324c
Cyburt, R.H., Creating nuclear data representations and error budget accounting **A758** (2005) 122c
Cyburt, R.H., What's next for big bang nucleosynthesis? **A758** (2005) 771c
Cyburt, R.H., B. Davids and B.K. Jennings, The $^{7}Be(p,\gamma)^{8}B$ reaction and its future **A758** (2005) 693c
Czerski, K., see Ruprecht, G. **A758** (2005) 170c

Dababneh, S., see Heil, M. **A758** (2005) 529c
Dababneh, S., see Marrone, S. **A758** (2005) 533c
Dababneh, S., see n_TOF Collaboration **A758** (2005) 501c
Dababneh, S., see n_TOF Collaboration **A758** (2005) 573c
Dababneh, S., see Reifarth, R. **A758** (2005) 787c
Dahlfors, M., see Marrone, S. **A758** (2005) 533c
Dahlfors, M., see n_TOF Collaboration **A758** (2005) 501c
Dahlfors, M., see n_TOF Collaboration **A758** (2005) 573c
Daito, I., see Zegers, R.G.T. **A758** (2005) 67c

Dauphas, N., Multiple sources or late injection of short-lived r-nuclides in the early solar system? **A758** (2005) 757c

D'Auria, J.M., see Ruiz, C. **A758** (2005) 166c

D'Auria, J.M., see Trinczek, M. **A758** (2005) 729c

David, S., see Marrone, S. **A758** (2005) 533c

David, S., see n_TOF Collaboration **A758** (2005) 501c

David, S., see n_TOF Collaboration **A758** (2005) 573c

Davids, B., see Cyburt, R.H. **A758** (2005) 693c

Davinson, T., see Angulo, C. **A758** (2005) 775c

Davinson, T., see Kozub, R.L. **A758** (2005) 753c

Davinson, T., see Ruiz, C. **A758** (2005) 166c

Davis, A.M., see Cole, A.L. **A758** (2005) 276c

Davis, M.E., see Cole, A.L. **A758** (2005) 276c

Dean, D.J., see Hix, W.R. **A758** (2005) 31c

Dearborn, D.S.P., see Mathews, G.J. **A758** (2005) 467c

De Cesare, N., see Fülöp, Zs. **A758** (2005) 697c

De Cesare, N., see Schürmann, D. **A758** (2005) 367c

Deibel, C., see Lewis, R. **A758** (2005) 84c

Delaude, D., see Gallino, R. **A758** (2005) 485c

Deliyannis, C.P., see King, J.R. **A758** (2005) 300c

Del Zoppo, A., see Rinollo, A. **A758** (2005) 146c

Demaret, P., see Couder, M. **A758** (2005) 741c

Demetriou, P., M. Samyn and S. Goriely, Fission properties relevant to r-process nucleosynthesis **A758** (2005) 627c

Demetriou, P., see Goriely, S. **A758** (2005) 587c

Demetriou, P., see Harissopulos, S. **A758** (2005) 505c

Demichi, K., see Gomi, T. **A758** (2005) 761c

Demichi, K., see Togano, Y. **A758** (2005) 182c

Deng, J., see Nomoto, K. **A758** (2005) 263c

Deroo, P., S. Goriely, L. Siess, M. Reyniers and H. Van Winckel, How to reconcile the C and s-process abundances in the metal-poor star V453 Oph? **A758** (2005) 288c

Descouvemont, P., A. Adahchour, C. Angulo, A. Coc and E. Vangioni-Flam, Big bang reaction rates within the R-matrix model **A758** (2005) 783c

Descouvemont, P., see Costantini, H. **A758** (2005) 383c

de Séréville, N., E. Berthoumieux and A. Coc, The ^{18}F$(p,\alpha)^{15}$O reaction rate for application to nova γ-ray emission **A758** (2005) 745c

De Smet, L., C. Wagemans, G. Goeminne, J. Wagemans, J. Heyse and J. Van Gils, Investigation of the (n,p) and (n,α) reactions on ^{26}Al and ^{36}Cl and their astrophysical relevance **A758** (2005) 80c

Dewald, A., see Harissopulos, S. **A758** (2005) 505c

Diehl, R., Gamma-ray line astronomy **A758** (2005) 225c

Diehl, R., see Mowlavi, N. **A758** (2005) 320c

Dietrich, F., see Escher, J. **A758** (2005) 86c

Dietrich, F.S., see Church, J.A. **A758** (2005) 126c

Dietrich, F.S., see Forssén, C. **A758** (2005) 130c

Di Leva, A., see Schürmann, D. **A758** (2005) 367c

Dillmann, I., M. Heil, F. Käppeler, T. Rauscher and F.-K. Thielemann, The (n,γ) cross sections of the p-process nuclei ^{74}Se and ^{84}Sr at $kT = 20$ keV **A758** (2005) 513c

Dolfini, R., see Marrone, S. **A758** (2005) 533c

Dolfini, R., see n_TOF Collaboration **A758** (2005) 501c

Dolfini, R., see n_TOF Collaboration **A758** (2005) 573c

Domingo-Pardo, C., see Marrone, S. **A758** (2005) 533c

Domingo-Pardo, C., see n_TOF Collaboration **A758** (2005) 501c

Domingo-Pardo, C., see n_TOF Collaboration **A758** (2005) 573c

Domínguez, I., see Nittler, L.R. **A758** (2005) 348c

D'Onofrio, A., see Fülöp, Zs. **A758** (2005) 697c

Döring, J., see Mukha, I. **A758** (2005) 647c

Dörr, L., see Reifarth, R. **A758** (2005) 787c

Dubath, P., see Mowlavi, N. **A758** (2005) 320c

Duran, I., see Marrone, S. **A758** (2005) 533c

Duran, I., see n_TOF Collaboration **A758** (2005) 501c

Duran, I., see n_TOF Collaboration **A758** (2005) 573c

Dwyer, S.J., see Starrfield, S. **A758** (2005) 455c

Elekes, Z., see Gomi, T. **A758** (2005) 761c
Elekes, Z., see Togano, Y. **A758** (2005) 182c
Embid-Segura, M., see Marrone, S. **A758** (2005) 533c
Embid-Segura, M., see n_TOF Collaboration **A758** (2005) 501c
Embid-Segura, M., see n_TOF Collaboration **A758** (2005) 573c
Engel, S., see Trinczek, M. **A758** (2005) 729c
Eriguchi, Y., see Yasutake, N. **A758** (2005) 43c
Escher, J., L. Ahle, L. Bernstein, J.A. Church, F. Dietrich, C. Forssén and R. Hoffman, Surrogate nuclear reactions and the origin of the heavy elements **A758** (2005) 86c
Escher, J., see Church, J.A. **A758** (2005) 126c
Escher, J., see Forssén, C. **A758** (2005) 130c
Estrade, A., see Montes, F. **A758** (2005) 643c

Farouqi, K., C. Freiburghaus, K.-L. Kratz, B. Pfeiffer, T. Rauscher and F.-K. Thielemann, Astrophysical conditions for an r-process in the high-entropy wind scenario of type II supernovae **A758** (2005) 631c
Fäßler, A., see Mocelj, D. **A758** (2005) 154c
Fear, K., see Lewis, R. **A758** (2005) 84c
Fenner, Y., see Campbell, S.W. **A758** (2005) 272c
Fenner, Y., see Gibson, B.K. **A758** (2005) 259c
Fenner, Y., see Renda, A. **A758** (2005) 324c
Ferrant, L., see Marrone, S. **A758** (2005) 533c
Ferrant, L., see n_TOF Collaboration **A758** (2005) 501c
Ferrant, L., see n_TOF Collaboration **A758** (2005) 573c
Ferrari, A., see Marrone, S. **A758** (2005) 533c
Ferrari, A., see n_TOF Collaboration **A758** (2005) 501c
Ferrari, A., see n_TOF Collaboration **A758** (2005) 573c
Ferreira-Marques, R., see Marrone, S. **A758** (2005) 533c
Ferreira-Marques, R., see n_TOF Collaboration **A758** (2005) 501c
Ferreira-Marques, R., see n_TOF Collaboration **A758** (2005) 573c
Fey, M., see Hammer, J.W. **A758** (2005) 363c
Fields, B.D., see Prodanović, T. **A758** (2005) 799c
Figuera, P., see Angulo, C. **A758** (2005) 775c
Figuera, P., see La Cognata, M. **A758** (2005) 98c
Figuera, P., see Rinollo, A. **A758** (2005) 146c
Filippenko, A.V., Optical observations of core-collapse supernovae **A758** (2005) 3c
Fisker, J., see Sun, Y. **A758** (2005) 765c
Fisker, J.L., E. Brown, M. Liebendörfer, H. Schatz and F.-K. Thielemann, The nuclear reaction flow of type I X-ray bursts **A758** (2005) 447c
Fitzgerald, R.P., see Thomas, J.S. **A758** (2005) 663c
Flag, R., see Marrone, S. **A758** (2005) 533c
Fleurot, F., see Hammer, J.W. **A758** (2005) 363c
Ford, A., R.D. Jeffries and B. Smalley, Oxygen in the Blanco 1 open cluster **A758** (2005) 280c
Formicola, A., see Costantini, H. **A758** (2005) 383c
Forssén, C., L. Ahle, L.A. Bernstein, J.A. Church, F.S. Dietrich, J. Escher and R.D. Hoffman, Theoretical challenges of determining low-energy neutron-capture cross sections via the Surrogate Technique **A758** (2005) 130c
Forssen, C., see Church, J.A. **A758** (2005) 126c
Forssén, C., see Escher, J. **A758** (2005) 86c
Frais-Kölbl, H., see Marrone, S. **A758** (2005) 533c
Frais-Kölbl, H., see n_TOF Collaboration **A758** (2005) 501c
Frais-Kölbl, H., see n_TOF Collaboration **A758** (2005) 573c
François, P., see Chiappini, C. **A758** (2005) 217c
Freer, M., see Jenkins, D.G. **A758** (2005) 749c
Freiburghaus, C., see Farouqi, K. **A758** (2005) 631c
Fröhlich, C., P. Hauser, M. Liebendörfer, G. Martínez-Pinedo, E. Bravo, W.R. Hix, N.T. Zinner and F.-K. Thielemann, The innermost

ejecta of core collapse supernovae **A758** (2005) 27c
Fryer, C.L., A.L. Hungerford and F.X. Timmes, Changing the r-process paradigm **A758** (2005) 599c
Fryer, C.L., see Hungerford, A.L. **A758** (2005) 15c
Fujikawa, H., see Kubono, S. **A758** (2005) 733c
Fujimoto, M.Y., see Suda, T. **A758** (2005) 336c
Fujimoto, S., M. Hashimoto, K. Arai and R. Matsuba, Heavy element synthesis through disk winds in a collapsar **A758** (2005) 47c
Fujimoto, S., see Arai, K. **A758** (2005) 39c
Fujimoto, S., see Nishimura, S. **A758** (2005) 635c
Fujita, Y., see Zegers, R.G.T. **A758** (2005) 67c
Fujiwara, M., see Zegers, R.G.T. **A758** (2005) 67c
Fukuchi, T., see Kubono, S. **A758** (2005) 733c
Fukuda, N., see Gomi, T. **A758** (2005) 761c
Fukuda, N., see Togano, Y. **A758** (2005) 182c
Fulbright, J.P., R.M. Rich and A. McWilliam, Abundance ratios in the galactic bulge and super metal-rich Type II nucleosynthesis: Pitfalls of the analysis **A758** (2005) 197c
Fülop, Z., see Costantini, H. **A758** (2005) 383c
Fülöp, Zs., Gy. Gyürky and E. Somorjai, Data needs for the astrophysical p-process **A758** (2005) 90c
Fülöp, Zs., Gy. Gyürky, E. Somorjai, D. Schürmann, F. Raiola, F. Strieder, C. Rolfs, B.N. Limata, L. Gialanella, G. Imbriani, V. Roca, M. Romano, N. De Cesare, A. D'Onofrio, D. Rogalla and F. Terrasi, Decay of ^{7}Be in metallic environment **A758** (2005) 697c
Fülöp, Zs., see Gomi, T. **A758** (2005) 761c
Fülöp, Zs., see Gyürky, Gy. **A758** (2005) 517c
Fülöp, Zs., see Kubono, S. **A758** (2005) 733c
Fülöp, Zs., see Togano, Y. **A758** (2005) 182c
Fulton, B., see Angulo, C. **A758** (2005) 775c
Fulton, B.R., see Jenkins, D.G. **A758** (2005) 749c
Fulton, B.R., see Ruiz, C. **A758** (2005) 166c
Furman, W., see Marrone, S. **A758** (2005) 533c
Furman, W., see n_TOF Collaboration **A758** (2005) 501c
Furman, W., see n_TOF Collaboration **A758** (2005) 573c
Futakami, U., see Gomi, T. **A758** (2005) 761c
Futakami, U., see Togano, Y. **A758** (2005) 182c

Galanopoulos, E., see Hammer, J.W. **A758** (2005) 363c
Galaviz, D., A. Kretschmer, S. Müller, K. Sonnabend and A. Zilges, Nuclear astrophysics with real photons **A758** (2005) 521c
Galaviz, D., see Gyürky, Gy. **A758** (2005) 517c
Gallagher, J.B., see Brown, E.F. **A758** (2005) 451c
Gallino, R., D. Delaude, L. Husti, S. Cristallo, O. Straniero and S. Ryan, Predictions of s-process Lead in low-metallicity stars compared with spectroscopic observations **A758** (2005) 485c
Gallino, R., see Bisterzo, S. **A758** (2005) 284c
Gallino, R., see Cristallo, S. **A758** (2005) 509c
Gallino, R., see Marrone, S. **A758** (2005) 533c
Gallino, R., see n_TOF Collaboration **A758** (2005) 501c
Gallino, R., see n_TOF Collaboration **A758** (2005) 573c
Gallino, R., see Nittler, L.R. **A758** (2005) 348c
Gallino, R., see Pignatari, M. **A758** (2005) 541c
Gamow, S., see Hashimoto, M. **A758** (2005) 779c
Gasques, L.R., A.V. Afanasjev, M. Beard, L.C. Chamon, P. Ring and M. Wiescher, Pycnonuclear reaction rates between neutron-rich nuclei **A758** (2005) 134c
Gervino, G., see Costantini, H. **A758** (2005) 383c
Ghelberg, S., see Nassar, H. **A758** (2005) 411c
Ghita, M., see Horoi, M. **A758** (2005) 142c
Gialanella, L., see Fülöp, Zs. **A758** (2005) 697c
Gialanella, L., see Schürmann, D. **A758** (2005) 367c
Gibson, B.K., Y. Fenner and A. Kiessling, Galactic chemical evolution redux: Atomic numbers $6 \leqslant Z \leqslant 15$ **A758** (2005) 259c
Gibson, B.K., see Campbell, S.W. **A758** (2005) 272c

Gibson, B.K., see Renda, A. **A758** (2005) 324c
Gigliotti, D., see Trinczek, M. **A758** (2005) 729c
Goeminne, G., see De Smet, L. **A758** (2005) 80c
Goko, S., see Shizuma, T. **A758** (2005) 561c
Golser, R., see Vockenhuber, C. **A758** (2005) 340c
Gómez del Campo, J., see Bardayan, D.W. **A758** (2005) 737c
Gomi, T., T. Motobayashi, Y. Ando, N. Aoi, H. Baba, K. Demichi, Z. Elekes, N. Fukuda, Zs. Fülöp, U. Futakami, H. Hasegawa, Y. Higurashi, K. Ieki, N. Imai, M. Ishihara, K. Ishikawa, N. Iwasa, H. Iwasaki, S. Kanno, Y. Kondo, T. Kubo, S. Kubono, M. Kunibu, K. Kurita, Y.U. Matsuyama, S. Michimasa, T. Minemura, M. Miura, H. Murakami, T. Nakamura, M. Notani, S. Ota, A. Saito, H. Sakurai, M. Serata, S. Shimoura, T. Sugimoto, E. Takeshita, S. Takeuchi, Y. Togano, K. Ue, K. Yamada, Y. Yanagisawa and K. Yoneda, Coulomb dissociation of ^{23}Al for the stellar ^{22}Mg$(p,\gamma)^{23}$Al reaction **A758** (2005) 761c
Gomi, T., see Togano, Y. **A758** (2005) 182c
Goncalves, I., see Marrone, S. **A758** (2005) 533c
Goncalves, I., see n_TOF Collaboration **A758** (2005) 501c
Goncalves, I., see n_TOF Collaboration **A758** (2005) 573c
Gono, Y., see Kubono, S. **A758** (2005) 733c
Gonzalez-Romero, E., see Marrone, S. **A758** (2005) 533c
Gonzalez-Romero, E., see n_TOF Collaboration **A758** (2005) 501c
Gonzalez-Romero, E., see n_TOF Collaboration **A758** (2005) 573c
Goriely, S., P. Demetriou, H.-Th. Janka, J.M. Pearson and M. Samyn, The r-process nucleosynthesis: A continued challenge for nuclear physics and astrophysics **A758** (2005) 587c
Goriely, S., see Demetriou, P. **A758** (2005) 627c
Goriely, S., see Deroo, P. **A758** (2005) 288c
Goriely, S., see Harissopulos, S. **A758** (2005) 505c
Goriely, S., see Pearson, J.M. **A758** (2005) 651c
Goriely, S., see Samyn, M. **A758** (2005) 659c
Goriely, S., see Shizuma, T. **A758** (2005) 561c
Goriely, S., see Siess, L. **A758** (2005) 565c
Goriely, S., see Wanajo, S. **A758** (2005) 671c
Görres, J., see Gyürky, Gy. **A758** (2005) 517c
Görres, J., see Reifarth, R. **A758** (2005) 787c
Görres, J., see Ugalde, C. **A758** (2005) 577c
Goverdovski, A., see Marrone, S. **A758** (2005) 533c
Goverdovski, A., see n_TOF Collaboration **A758** (2005) 501c
Goverdovski, A., see n_TOF Collaboration **A758** (2005) 573c
Grama, C., see Hammer, J.W. **A758** (2005) 363c
Gramegna, F., see Marrone, S. **A758** (2005) 533c
Gramegna, F., see n_TOF Collaboration **A758** (2005) 501c
Gramegna, F., see n_TOF Collaboration **A758** (2005) 573c
Grawe, H., see Mukha, I. **A758** (2005) 647c
Greife, U., see Kozub, R.L. **A758** (2005) 753c
Greife, U., see Thomas, J.S. **A758** (2005) 663c
Greife, U., see Trinczek, M. **A758** (2005) 729c
Griesmayer, E., see Marrone, S. **A758** (2005) 533c
Griesmayer, E., see n_TOF Collaboration **A758** (2005) 501c
Griesmayer, E., see n_TOF Collaboration **A758** (2005) 573c
Groombridge, D., see Ruiz, C. **A758** (2005) 166c
Gross, C.J., see Kozub, R.L. **A758** (2005) 753c
Gross, C.J., see Thomas, J.S. **A758** (2005) 663c
Guglielmetti, A., see Costantini, H. **A758** (2005) 383c
Guidry, M.W., see Nesaraja, C.D. **A758** (2005) 174c
Guimarães, V., see Kubono, S. **A758** (2005) 733c
Guimarães, V., see Moon, J.Y. **A758** (2005) 158c
Gunsing, F., see Marrone, S. **A758** (2005) 533c
Gunsing, F., see n_TOF Collaboration **A758** (2005) 501c
Gunsing, F., see n_TOF Collaboration **A758** (2005) 573c
Guo, B., see Liu, W. **A758** (2005) 110c

Gustavino, C., see Costantini, H. **A758** (2005) 383c
Gyürky, G., see Costantini, H. **A758** (2005) 383c
Gyürky, Gy., Zs. Fülöp, G. Kiss, Z. Máté, E. Somorjai, J. Görres, A. Palumbo, M. Wiescher, D. Galaviz, A. Kretschmer, K. Sonnabend, A. Zilges and T. Rauscher, A comprehensive study of the ^{106}Cd(α,γ)^{110}Sn reaction at energies relevant to the p-process **A758** (2005) 517c
Gyürky, Gy., see Fülöp, Zs. **A758** (2005) 90c
Gyürky, Gy., see Fülöp, Zs. **A758** (2005) 697c

Haas, B., see Marrone, S. **A758** (2005) 533c
Haas, B., see n_TOF Collaboration **A758** (2005) 501c
Haas, B., see n_TOF Collaboration **A758** (2005) 573c
Haas, F., see Hammer, J.W. **A758** (2005) 363c
Hahn, K.I., see Kubono, S. **A758** (2005) 733c
Haight, R., see Marrone, S. **A758** (2005) 533c
Haight, R., see n_TOF Collaboration **A758** (2005) 501c
Haight, R., see n_TOF Collaboration **A758** (2005) 573c
Haight, R.C., see Reifarth, R. **A758** (2005) 787c
Hammache, F., see Hammer, J.W. **A758** (2005) 363c
Hammer, J.W., M. Fey, R. Kunz, J. Kiener, V. Tatischeff, F. Haas, J.L. Weil, M. Assunção, C. Beck, C. Boukari-Pelissie, A. Coc, J.J. Correia, S. Courtin, F. Fleurot, E. Galanopoulos, C. Grama, F. Hammache, S. Harissopulos, A. Korichi, E. Krmpotić, D. Le Du, A. Lopez-Martens, D. Malcherek, R. Meunier, P. Papka, T. Paradellis, M. Rousseau, N. Rowley, G. Staudt and S. Szilner, E1 and E2 capture cross section and astrophysical reaction rate of the key reaction ^{12}C(α,γ)^{16}O **A758** (2005) 363c
Hammer, J.W., see Harissopulos, S. **A758** (2005) 505c
Haquin, G., see Nara Singh, B.S. **A758** (2005) 689c
Hara, K., see Zegers, R.G.T. **A758** (2005) 67c
Hara, K.Y., see Shizuma, T. **A758** (2005) 561c
Harakeh, M.N., see Zegers, R.G.T. **A758** (2005) 67c
Hareyama, M., see Hasebe, N. **A758** (2005) 292c
Harissopulos, S., A. Spyrou, A. Lagoyannis, Ch. Zarkadas, H.-W. Becker, C. Rolfs, F. Strieder, J.W. Hammer, A. Dewald, K.-O. Zell, P. von Brentano, R. Julin, P. Demetriou and S. Goriely, Systematic measurements of proton- and alpha-capture cross sections relevant to the modelling of the p process **A758** (2005) 505c
Harissopulos, S., see Hammer, J.W. **A758** (2005) 363c
Hasebe, N., M. Hareyama, S. Kodaira and K. Sakurai, Are galactic cosmic rays accelerated inside the ejectae expanding just after supernova explosions? **A758** (2005) 292c
Hasegawa, H., see Gomi, T. **A758** (2005) 761c
Hasegawa, H., see Togano, Y. **A758** (2005) 182c
Hashimoto, M., R. Nakamura, S. Gamow and K. Arai, Big bang nucleosynthesis in the Brans–Dicke cosmology with a decaying Λ term **A758** (2005) 779c
Hashimoto, M., see Arai, K. **A758** (2005) 39c
Hashimoto, M., see Fujimoto, S. **A758** (2005) 47c
Hashimoto, M., see Nishimura, S. **A758** (2005) 635c
Hashimoto, M., see Yasutake, N. **A758** (2005) 43c
Hashimoto, T., see Kubono, S. **A758** (2005) 733c
Hass, M., see Nara Singh, B.S. **A758** (2005) 689c
Hass, M., see Nassar, H. **A758** (2005) 411c
Hauser, P., see Fröhlich, C. **A758** (2005) 27c
Hayakawa, T., N. Iwamoto, T. Shizuma, T. Kajino, H. Umeda and K. Nomoto, Scaling relations for the

supernova γ-process and the ^{176}Lu nuclear cosmochronometer **A758** (2005) 525c
Hayakawa, T., see Segawa, M. **A758** (2005) 553c
Hayakawa, T., see Shima, T. **A758** (2005) 557c
Hayakawa, T., see Shizuma, T. **A758** (2005) 561c
He, J.J., see Kubono, S. **A758** (2005) 733c
He, J.J., see Kurata-Nishimura, M. **A758** (2005) 162c
He, J.J., see Moon, J.Y. **A758** (2005) 158c
Heger, A., see Bisterzo, S. **A758** (2005) 284c
Heide, P., see Ruprecht, G. **A758** (2005) 170c
Heil, M., S. Dababneh, F. Käppeler, R. Plag, A. Jusevicius, N. Winckler, R. Reifarth and S. O'Brien, A neutron source to measure stellar neutron capture cross sections at $kT = 5$ keV **A758** (2005) 529c
Heil, M., see Dillmann, I. **A758** (2005) 513c
Heil, M., see Marrone, S. **A758** (2005) 533c
Heil, M., see n_TOF Collaboration **A758** (2005) 501c
Heil, M., see n_TOF Collaboration **A758** (2005) 573c
Heil, M., see Plag, R. **A758** (2005) 415c
Heil, M., see Reifarth, R. **A758** (2005) 787c
Heil, M., see Ugalde, C. **A758** (2005) 577c
Heinz, A., see Church, J.A. **A758** (2005) 126c
Hellström, M., see Mukha, I. **A758** (2005) 647c
Henkel, C., see Lubowich, D.A. **A758** (2005) 795c
Hernanz, M. and J. José, Gamma-rays from classical nova explosions: Theory and observations **A758** (2005) 721c
Herrera-Martinez, A., see Marrone, S. **A758** (2005) 533c
Herrera-Martinez, A., see n_TOF Collaboration **A758** (2005) 501c
Herrera-Martinez, A., see n_TOF Collaboration **A758** (2005) 573c
Herwig, F., see Johnson, J.A. **A758** (2005) 221c
Heyde, K., see Jachowicz, N. **A758** (2005) 51c
Heyse, J., see De Smet, L. **A758** (2005) 80c
Higurashi, Y., see Gomi, T. **A758** (2005) 761c
Higurashi, Y., see Togano, Y. **A758** (2005) 182c
Hill, V., see Beers, T.C. **A758** (2005) 595c
Hill, V., see Pompéia, L. **A758** (2005) 242c
Hillebrandt, W., see Stehle, M. **A758** (2005) 470c
Hirschi, R., G. Meynet and A. Maeder, Rotating massive stars: Pre-SN models and stellar yields at solar metallicity **A758** (2005) 234c
Hitt, G.W., see Zegers, R.G.T. **A758** (2005) 67c
Hix, W.R., O.E.B. Messer, A. Mezzacappa, J. Sampaio, K. Langanke, G. Martínez-Pinedo, M. Liebendörfer and D.J. Dean, Nuclear electron capture in core collapse supernovae **A758** (2005) 31c
Hix, W.R., see Fröhlich, C. **A758** (2005) 27c
Hix, W.R., see Lewis, R. **A758** (2005) 84c
Hix, W.R., see Nesaraja, C.D. **A758** (2005) 174c
Hix, W.R., see Starrfield, S. **A758** (2005) 455c
Hobbs, L.M., see Schuler, S.C. **A758** (2005) 332c
Hoeft, M., see Ruprecht, G. **A758** (2005) 170c
Hoffman, R., see Escher, J. **A758** (2005) 86c
Hoffman, R.D., see Forssén, C. **A758** (2005) 130c
Honda, S., W. Aoki, T. Kajino, H. Ando and T.C. Beers, The origin of light neutron-capture elements in very metal-poor stars **A758** (2005) 296c
Horoi, M., Can one measure the temperature dependence of the fusion reaction rates? **A758** (2005) 138c
Horoi, M., M. Ghita and V. Zelevinsky, Comparison of approaches for spin- and parity-dependent shell model nuclear level density **A758** (2005) 142c
Hosmer, P., see Montes, F. **A758** (2005) 643c
Howard, M.E., see Zegers, R.G.T. **A758** (2005) 67c
Hughes, R., see Church, J.A. **A758** (2005) 126c
Hungerford, A.L., C.L. Fryer, F.X. Timmes and K. McGhee, Nucleosynthetic signatures of asymmetric supernovae—lessons from 1-dimensional explosions **A758** (2005) 15c
Hungerford, A.L., see Fryer, C.L. **A758** (2005) 599c
Hunter, D., see Trinczek, M. **A758** (2005) 729c
Hussein, A., see Trinczek, M. **A758** (2005) 729c

Husti, L., see Gallino, R. **A758** (2005) 485c
Hutcheon, D., see Ruiz, C. **A758** (2005) 166c
Hutcheon, D., see Trinczek, M. **A758** (2005) 729c

Iben Jr., I., see Suda, T. **A758** (2005) 336c
Ichiki, K., see Yamazaki, D.G. **A758** (2005) 791c
Ieki, K., see Gomi, T. **A758** (2005) 761c
Ieki, K., see Togano, Y. **A758** (2005) 182c
Igashira, M., see Makii, H. **A758** (2005) 371c
Igashira, M., see Nagai, Y. **A758** (2005) 537c
Igashira, M., see Segawa, M. **A758** (2005) 553c
Igashira, M., see Shima, T. **A758** (2005) 557c
Ikeda, N., see Oba, H. **A758** (2005) 407c
Ikeda, N., see Sagara, K. **A758** (2005) 427c
Iliadis, C. and A.E. Champagne, Nuclear astrophysics: Direct measurements with stable beams **A758** (2005) 73c
Imai, N., see Gomi, T. **A758** (2005) 761c
Imai, N., see Togano, Y. **A758** (2005) 182c
Imbriani, G., see Costantini, H. **A758** (2005) 383c
Imbriani, G., see Fülöp, Zs. **A758** (2005) 697c
Imbriani, G., see Schürmann, D. **A758** (2005) 367c
Isaev, S., see Marrone, S. **A758** (2005) 533c
Isaev, S., see n_TOF Collaboration **A758** (2005) 501c
Isaev, S., see n_TOF Collaboration **A758** (2005) 573c
Ishihara, M., see Gomi, T. **A758** (2005) 761c
Ishihara, M., see Togano, Y. **A758** (2005) 182c
Ishikawa, K., see Gomi, T. **A758** (2005) 761c
Ishikawa, K., see Togano, Y. **A758** (2005) 182c
Ishikawa, T., see Kubono, S. **A758** (2005) 733c
Ishimaru, Y., S. Wanajo, W. Aoki, S.G. Ryan and N. Prantzos, First enrichment of r-process elements in our galaxy **A758** (2005) 603c
Ishimaru, Y., see Wanajo, S. **A758** (2005) 615c
Ishimaru, Y., see Wanajo, S. **A758** (2005) 671c
Ishiyama, H., see Kubono, S. **A758** (2005) 733c
Israel, M.H., W.R. Binns, A.C. Cummings, R.A. Leske, R.A. Mewaldt, E.C. Stone, T.T. von Rosenvinge and M.E. Wiedenbeck, Isotopic composition of cosmic rays: Results from the cosmic ray isotope spectrometer on the ACE spacecraft **A758** (2005) 201c
Itoh, N., see Tomizawa, N. **A758** (2005) 667c
Itoh, N., see Wanajo, S. **A758** (2005) 615c
Itoh, N., see Wanajo, S. **A758** (2005) 671c
Iwamoto, N., see Hayakawa, T. **A758** (2005) 525c
Iwamoto, N., see Kusakabe, M. **A758** (2005) 459c
Iwasa, N., see Gomi, T. **A758** (2005) 761c
Iwasa, N., see Togano, Y. **A758** (2005) 182c
Iwasaki, H., see Gomi, T. **A758** (2005) 761c
Iwasaki, H., see Togano, Y. **A758** (2005) 182c

Jachowicz, N., K. Vantournhout, K. Heyde and J. Ryckebusch, Detecting supernova neutrinos using neutrino–nucleus scattering reactions **A758** (2005) 51c
Jänecke, J., see Zegers, R.G.T. **A758** (2005) 67c
Jang, Z.H., see Lee, J.H. **A758** (2005) 150c
Janka, H.-T., R. Buras, F.S. Kitaura Joyanes, A. Marek, M. Rampp and L. Scheck, Neutrino-driven supernovae: An accretion instability in a nuclear physics controlled environment **A758** (2005) 19c
Janka, H.-Th., see Goriely, S. **A758** (2005) 587c
Janssens, R.V.F., see Jenkins, D.G. **A758** (2005) 749c
Jeffries, R.D., see Ford, A. **A758** (2005) 280c
Jenkins, D.G., B.R. Fulton, C.J. Lister, R.V.F. Janssens, T.L. Khoo, E.F. Moore, K.E. Rehm, B. Truett, A.H. Wuosmaa, M. Freer and J. José, Reevaluation of the ^{22}Na(p,γ) reaction rate **A758** (2005) 749c
Jennings, B.K., see Barbieri, C. **A758** (2005) 395c
Jennings, B.K., see Cyburt, R.H. **A758** (2005) 693c
Jericha, E., see Marrone, S. **A758** (2005) 533c
Jericha, E., see n_TOF Collaboration **A758** (2005) 501c
Jericha, E., see n_TOF Collaboration **A758** (2005) 573c
Jesus, A.P., see Costantini, H. **A758** (2005) 383c
Jewett, C.C., see Kozub, R.L. **A758** (2005) 753c
Jewett, C.C., see Trinczek, M. **A758** (2005) 729c

Jiang, X., see Crannell, H. **A758** (2005) 399c

Johnson, J.A., F. Herwig, T.C. Beers and N. Christlieb, Nitrogen in the early universe **A758** (2005) 221c

Johnson, L.P., see Marchese, P.J. **A758** (2005) 308c

Johnson, M.S., see Thomas, J.S. **A758** (2005) 663c

Jones, K.L., see Thomas, J.S. **A758** (2005) 663c

José, J., Prospects in classical nova modeling and nucleosynthesis **A758** (2005) 713c

José, J., see Hernanz, M. **A758** (2005) 721c

José, J., see Jenkins, D.G. **A758** (2005) 749c

José, J., see Trinczek, M. **A758** (2005) 729c

Julin, R., see Harissopulos, S. **A758** (2005) 505c

Junghans, A.R., see Snover, K.A. **A758** (2005) 685c

Junker, M., see Costantini, H. **A758** (2005) 383c

Juseviciute, A., see Heil, M. **A758** (2005) 529c

Kadi, Y., see Marrone, S. **A758** (2005) 533c

Kadi, Y., see n_TOF Collaboration **A758** (2005) 501c

Kadi, Y., see n_TOF Collaboration **A758** (2005) 573c

Kajino, T., see Hayakawa, T. **A758** (2005) 525c

Kajino, T., see Honda, S. **A758** (2005) 296c

Kajino, T., see Otsuki, K. **A758** (2005) 316c

Kajino, T., see Sasaqui, T. **A758** (2005) 639c

Kajino, T., see Yamazaki, D.G. **A758** (2005) 791c

Kajino, T., see Yoshida, T. **A758** (2005) 35c

Kanno, S., see Gomi, T. **A758** (2005) 761c

Kanno, S., see Togano, Y. **A758** (2005) 182c

Käppeler, F., see Dillmann, I. **A758** (2005) 513c

Käppeler, F., see Heil, M. **A758** (2005) 529c

Käppeler, F., see Marrone, S. **A758** (2005) 533c

Käppeler, F., see n_TOF Collaboration **A758** (2005) 501c

Käppeler, F., see n_TOF Collaboration **A758** (2005) 573c

Käppeler, F., see Pignatari, M. **A758** (2005) 541c

Käppeler, F., see Plag, R. **A758** (2005) 415c

Käppeler, F., see Rapp, W. **A758** (2005) 545c

Käppeler, F., see Reifarth, R. **A758** (2005) 787c

Karadimos, D., see Marrone, S. **A758** (2005) 533c

Karadimos, D., see n_TOF Collaboration **A758** (2005) 501c

Karadimos, D., see n_TOF Collaboration **A758** (2005) 573c

Karakas, A. and M. Lugaro, The uncertainties in the ^{22}Ne + α-capture reactions and magnesium production in intermediate-mass AGB stars **A758** (2005) 489c

Karakas, A.I., see Campbell, S.W. **A758** (2005) 272c

Karakas, A.I., see Lugaro, M. **A758** (2005) 725c

Karakas, A.I., see Renda, A. **A758** (2005) 324c

Karakas, A.I., see Stancliffe, R.J. **A758** (2005) 569c

Kato, S., see Kubono, S. **A758** (2005) 733c

Kato, S., see Moon, J.Y. **A758** (2005) 158c

Kaufman, S.E., see Marchese, P.J. **A758** (2005) 308c

Kavatsyuk, M., see Mukha, I. **A758** (2005) 647c

Kavatsyuk, O., see Mukha, I. **A758** (2005) 647c

Kawabata, T., see Zegers, R.G.T. **A758** (2005) 67c

Kerveno,, M., see n_TOF Collaboration **A758** (2005) 501c

Kerveno, M., see Marrone, S. **A758** (2005) 533c

Kerveno, M., see n_TOF Collaboration **A758** (2005) 573c

Ketlerov, V., see Marrone, S. **A758** (2005) 533c

Ketlerov, V., see n_TOF Collaboration **A758** (2005) 501c

Ketlerov, V., see n_TOF Collaboration **A758** (2005) 573c

Khoo, T.L., see Jenkins, D.G. **A758** (2005) 749c

Kiener, J., see Angulo, C. **A758** (2005) 775c

Kiener, J., see Hammer, J.W. **A758** (2005) 363c

Kiessling, A., see Gibson, B.K. **A758** (2005) 259c

Kim, J.C., see Kubono, S. **A758** (2005) 733c

Kim, J.C., see Moon, J.Y. **A758** (2005) 158c

Kim, N.Y., see Lee, J.H. **A758** (2005) 150c

King, J.R., A.M. Boesgaard and C.P. Deliyannis, Abundances in near-turnoff stars in the globular cluster M71 **A758** (2005) 300c

King, J.R., see Schuler, S.C. **A758** (2005) 332c

Kirchner, R., see Mukha, I. **A758** (2005) 647c

Kiss, G., see Gyürky, Gy. **A758** (2005) 517c

Kitaura Joyanes, F.S., see Janka, H.-T. **A758** (2005) 19c

Klingenberg, C., see Niemeyer, J.C. **A758** (2005) 431c
Knödlseder, J., see Mowlavi, N. **A758** (2005) 320c
Kodaira, S., see Hasebe, N. **A758** (2005) 292c
Koehler, P., see Marrone, S. **A758** (2005) 533c
Koehler, P., see n_TOF Collaboration **A758** (2005) 501c
Koehler, P., see n_TOF Collaboration **A758** (2005) 573c
Koehler, P.E., Progress and challenges in determining reaction rates for the s and p processes **A758** (2005) 493c
Kondo, Y., see Gomi, T. **A758** (2005) 761c
Kondo, Y., see Togano, Y. **A758** (2005) 182c
Konovalov, V., see Marrone, S. **A758** (2005) 533c
Konovalov, V., see n_TOF Collaboration **A758** (2005) 501c
Konovalov, V., see n_TOF Collaboration **A758** (2005) 573c
Korichi, A., see Hammer, J.W. **A758** (2005) 363c
Kouzuma, M., see Sagara, K. **A758** (2005) 427c
Kozub, R.L., D.W. Bardayan, J.C. Batchelder, J.C. Blackmon, C.R. Brune, A.E. Champagne, J.A. Cizewski, T. Davinson, U. Greife, C.J. Gross, C.C. Jewett, R.J. Livesay, Z. Ma, B.H. Moazen, C.D. Nesaraja, J.P. Scott, L. Sahin, D. Shapira, M.S. Smith and J.S. Thomas, New limits for the ^{18}F$(p,\alpha)^{15}$O rate in novae **A758** (2005) 753c
Kozub, R.L., see Bardayan, D.W. **A758** (2005) 737c
Kozub, R.L., see Thomas, J.S. **A758** (2005) 663c
Kratz, K.-L., see Farouqi, K. **A758** (2005) 631c
Kratz, K.-L., see Montes, F. **A758** (2005) 643c
Kretschmer, A., see Galaviz, D. **A758** (2005) 521c
Kretschmer, A., see Gyürky, Gy. **A758** (2005) 517c
Krmpotić, E., see Hammer, J.W. **A758** (2005) 363c
Krtička, M., see Marrone, S. **A758** (2005) 533c
Krtička, M., see n_TOF Collaboration **A758** (2005) 501c
Krtička, M., see n_TOF Collaboration **A758** (2005) 573c
Kubo, T., see Gomi, T. **A758** (2005) 761c
Kubo, T., see Togano, Y. **A758** (2005) 182c
Kubono, S., T. Teranishi, M. Notani, H. Yamaguchi, A. Saito, J.J. He, M. Wakabayashi, H. Fujikawa, G. Amadio, H. Baba, T. Fukuchi, S. Shimoura, S. Michimasa, S. Nishimura, M. Nishimura, Y. Gono, A. Odahara, S. Kato, J.Y. Moon, J.H. Lee, C.S. Lee, J.C. Kim, K.I. Hahn, T. Ishikawa, T. Hashimoto, H. Ishiyama, Y.X. Watanabe, M.H. Tanaka, H. Miyatake, Zs. Fülöp, V. Guimarães and R. Lichtenthaler, Study of stellar reactions in explosive hydrogen burning with CRIB **A758** (2005) 733c
Kubono, S., see Gomi, T. **A758** (2005) 761c
Kubono, S., see Kurata-Nishimura, M. **A758** (2005) 162c
Kubono, S., see Moon, J.Y. **A758** (2005) 158c
Kubono, S., see Togano, Y. **A758** (2005) 182c
Kumar, K., Neutron stars and the Oppenheimer–Volkoff limit **A758** (2005) 55c
Kunibu, M., see Gomi, T. **A758** (2005) 761c
Kunibu, M., see Togano, Y. **A758** (2005) 182c
Kuno, N., see Lubowich, D.A. **A758** (2005) 795c
Kunz, R., see Hammer, J.W. **A758** (2005) 363c
Kurata-Nishimura, M., S. Nishimura, S. Kubono, T. Teranishi, J.J. He and T. Motobayashi, A new approach for cross section measurements at low energies using a monolithic silicon telescope **A758** (2005) 162c
Kurita, K., see Gomi, T. **A758** (2005) 761c
Kurita, K., see Togano, Y. **A758** (2005) 182c
Kusakabe, M., N. Iwamoto and K. Nomoto, The p-process nucleosynthesis in the carbon deflagration model for Type Ia supernovae **A758** (2005) 459c
Kutschera, W., see Vockenhuber, C. **A758** (2005) 340c

La Cognata, M., A. Musumarra, C. Spitaleri, A. Tumino, C. Bonomo, S. Cherubini, P. Figuera, L. Lamia, M.G. Pellegriti, A. Rinollo, R.G. Pizzone, C. Rolfs, S. Romano, D. Schürmann, F. Strieder, S. Tudisco and S. Typel, Study of the ^{3}He(d, p)^{4}He reaction through the Trojan Horse Method **A758** (2005) 98c
La Cognata, M., see Rinollo, A. **A758** (2005) 146c
La Commara, M., see Mukha, I. **A758** (2005) 647c
Lagoyannis, A., see Harissopulos, S. **A758** (2005) 505c
Laird, A.M., see Ruiz, C. **A758** (2005) 166c
Laird, A.M., see Snover, K.A. **A758** (2005) 685c
Laird, A.M., see Trinczek, M. **A758** (2005) 729c
Lamboudis, C., see Marrone, S. **A758** (2005) 533c
Lamboudis, C., see n_TOF Collaboration **A758** (2005) 501c
Lamboudis, C., see n_TOF Collaboration **A758** (2005) 573c
Lamey, M., see Trinczek, M. **A758** (2005) 729c
Lamia, L., see La Cognata, M. **A758** (2005) 98c
Lamia, L., see Rinollo, A. **A758** (2005) 146c
Langanke, K., see Hix, W.R. **A758** (2005) 31c
Langanke, K., see Mocelj, D. **A758** (2005) 154c
Lattanzio, J.C. and M.A. Lugaro, What we *do* and *do not* know about the s-process in AGB stars **A758** (2005) 477c
Lattanzio, J.C., see Campbell, S.W. **A758** (2005) 272c
Lattanzio, J.C., see Renda, A. **A758** (2005) 324c
LeCompte, T.J., see Reitzner, S.D. **A758** (2005) 701c
Le Du, D., see Hammer, J.W. **A758** (2005) 363c
Lee, C.S., see Kubono, S. **A758** (2005) 733c
Lee, C.S., see Lee, J.H. **A758** (2005) 150c
Lee, C.S., see Moon, J.Y. **A758** (2005) 158c
Lee, J.H., N.Y. Kim, C.S. Lee and Z.H. Jang, Development of the multi-purpose gamma-ray detection system consisting of a double-sided silicon strip detector and a 25-segmented germanium detector **A758** (2005) 150c
Lee, J.H., see Kubono, S. **A758** (2005) 733c
Lee, J.H., see Moon, J.Y. **A758** (2005) 158c
Leeb, H., see Marrone, S. **A758** (2005) 533c
Leeb, H., see n_TOF Collaboration **A758** (2005) 501c
Leeb, H., see n_TOF Collaboration **A758** (2005) 573c
Leleux, P., see Angulo, C. **A758** (2005) 775c
Leleux, P., see Couder, M. **A758** (2005) 741c
Lemut, A., see Costantini, H. **A758** (2005) 383c
Lesaffre, P., Ph. Podsiadlowski and C.A. Tout, The convective Urca process **A758** (2005) 463c
Leske, R.A., see Israel, M.H. **A758** (2005) 201c
Lewis, R., J. Caggiano, A. Parikh, C. Deibel, D. Visser, K. Fear, P. Parker and W.R. Hix, ^{26}Al^{g,m} + p resonances studied via proton decays of ^{27}Si **A758** (2005) 84c
Lewis, R., see Trinczek, M. **A758** (2005) 729c
Lewis, R.S., see Cole, A.L. **A758** (2005) 276c
Li, Z., see Liu, W. **A758** (2005) 110c
Li, Z.-H., see Shu, N.-C. **A758** (2005) 419c
Lian, G., see Liu, W. **A758** (2005) 110c
Liang, J.F., see Bardayan, D.W. **A758** (2005) 737c
Liang, J.F., see Thomas, J.S. **A758** (2005) 663c
Lichitenthaler, R.F., see Moon, J.Y. **A758** (2005) 158c
Lichtenthaler, R., see Kubono, S. **A758** (2005) 733c
Lichti, G., see Mowlavi, N. **A758** (2005) 320c
Liddick, S.N., see Montes, F. **A758** (2005) 643c
Liebendörfer, M., U. Pen and C. Thompson, Approaching the dynamics of hot nucleons in supernovae **A758** (2005) 59c
Liebendörfer, M., see Fisker, J.L. **A758** (2005) 447c
Liebendörfer, M., see Fröhlich, C. **A758** (2005) 27c
Liebendörfer, M., see Hix, W.R. **A758** (2005) 31c
Limata, B.N., see Fülöp, Zs. **A758** (2005) 697c
Limongi, M. and A. Chieffi, ^{26}Al and ^{60}Fe from massive stars **A758** (2005) 11c
Lindote, A., see Marrone, S. **A758** (2005) 533c
Lindote, A., see n_TOF Collaboration **A758** (2005) 501c

Lindote, A., see n_TOF Collaboration **A758** (2005) 573c
Lingerfelt, E.L., see Nesaraja, C.D. **A758** (2005) 174c
Lister, C.J., see Jenkins, D.G. **A758** (2005) 749c
Liu, W., Z. Li, X. Bai, G. Lian, B. Guo, S. Zeng, S. Yan, B. Wang, N. Shu, K. Wu and Y. Chen, Nuclear astrophysics experiments at CIAE **A758** (2005) 110c
Liu, W.-P., see Shu, N.-C. **A758** (2005) 419c
Livesay, R.J., see Kozub, R.L. **A758** (2005) 753c
Livesay, R.J., see Thomas, J.S. **A758** (2005) 663c
Lopes, I., see Marrone, S. **A758** (2005) 533c
Lopes, I., see n_TOF Collaboration **A758** (2005) 501c
Lopes, I., see n_TOF Collaboration **A758** (2005) 573c
Lopez-Martens, A., see Hammer, J.W. **A758** (2005) 363c
Lorusso, G., see n_TOF Collaboration **A758** (2005) 501c
Lorusso, G., see n_TOF Collaboration **A758** (2005) 573c
Lozano, M., see Marrone, S. **A758** (2005) 533c
Lozano, M., see n_TOF Collaboration **A758** (2005) 501c
Lozano, M., see n_TOF Collaboration **A758** (2005) 573c
Lubowich, D.A., N. Kuno, H. Roberts, T.J. Millar, C. Henkel, J. Pasachoff and R. Mauersberger, Deuterium nucleosynthesis in AGN: Is D cosmological? **A758** (2005) 795c
Lubritto, C., see Schürmann, D. **A758** (2005) 367c
Lugaro, M., O. Pols, A.I. Karakas and C.A. Tout, HR4049: Signature of nova nucleosynthesis? **A758** (2005) 725c
Lugaro, M., see Karakas, A. **A758** (2005) 489c
Lugaro, M., see Nittler, L.R. **A758** (2005) 348c
Lugaro, M., see Stancliffe, R.J. **A758** (2005) 569c
Lugaro, M.A., see Lattanzio, J.C. **A758** (2005) 477c
Lui, Y.-W., see Shizuma, T. **A758** (2005) 561c
Lukic, S., see Marrone, S. **A758** (2005) 533c
Lukic, S., see n_TOF Collaboration **A758** (2005) 501c
Lukic, S., see n_TOF Collaboration **A758** (2005) 573c
Lundqvist, M. and G.M. Wahlgren, s-process elements in the M supergiant α Ori **A758** (2005) 304c

Ma, Z., see Bardayan, D.W. **A758** (2005) 737c
Ma, Z., see Kozub, R.L. **A758** (2005) 753c
Ma, Z., see Thomas, J.S. **A758** (2005) 663c
Maeda, K., see Nomoto, K. **A758** (2005) 263c
Maeda, T., see Oba, H. **A758** (2005) 407c
Maeder, A., see Hirschi, R. **A758** (2005) 234c
Makii, H., Y. Nagai, T. Shima, M. Segawa, H. Ueda, T. Masaki, K. Mishima, M. Igashira, T. Ohsaki and S. Okabe, Measurement of the $^{12}C(\alpha,\gamma)^{16}O$ reaction cross section using pulsed α beams **A758** (2005) 371c
Makii, H., see Nagai, Y. **A758** (2005) 537c
Makii, H., see Segawa, M. **A758** (2005) 553c
Makii, H., see Shima, T. **A758** (2005) 557c
Makinaga, A., see Shizuma, T. **A758** (2005) 561c
Malcherek, D., see Hammer, J.W. **A758** (2005) 363c
Mantica, P.F., see Montes, F. **A758** (2005) 643c
Marchese, P.J., T.D. Cheung, D.E. Cotten, S.E. Kaufman and L.P. Johnson, Hubble ultra deep field object surface brightness variation **A758** (2005) 308c
Marek, A., see Janka, H.-T. **A758** (2005) 19c
Marganiec, J., see Marrone, S. **A758** (2005) 533c
Marganiec, J., see n_TOF Collaboration **A758** (2005) 501c
Marganiec, J., see n_TOF Collaboration **A758** (2005) 573c
Marrone, S., U. Abbondanno, G. Aerts, F. Alvarez-Velarde, H. Álvarez-Pol, S. Andriamonje, J. Andrzejewski, G. Badurek, P. Baumann, F. Bečvář, J. Benlliure, E. Berthoumieux, F. Calviño, D. Cano-Ott, R. Capote, P. Cennini, V. Chepel, E. Chiaveri, N. Colonna, G. Cortes,

D. Cortina, A. Couture, J. Cox, S. Dababneh, M. Dahlfors, S. David, R. Dolfini, C. Domingo-Pardo, I. Duran, M. Embid-Segura, L. Ferrant, A. Ferrari, R. Ferreira-Marques, H. Frais-Kölbl, W. Furman, I. Goncalves, R. Gallino, E. Gonzalez-Romero, A. Goverdovski, F. Gramegna, E. Griesmayer, F. Gunsing, B. Haas, R. Haight, M. Heil, A. Herrera-Martinez, S. Isaev, E. Jericha, F. Käppeler, Y. Kadi, D. Karadimos, M. Kerveno, V. Ketlerov, P. Koehler, V. Konovalov, M. Krtička, C. Lamboudis, H. Leeb, A. Lindote, I. Lopes, M. Lozano, S. Lukic, J. Marganiec, J. Martinez-Val, P. Mastinu, A. Mengoni, P.M. Milazzo, A. Molina-Coballes, C. Moreau, M. Mosconi, F. Neves, H. Oberhummer, S. O'Brien, J. Pancin, T. Papaevangelou, C. Paradela, A. Pavlik, P. Pavlopoulos, J.M. Perlado, L. Perrot, M. Pignatari, R. Flag, A. Plompen, A. Plukis, A. Poch, A. Policarpo, C. Pretel, J. Quesada, S. Raman, W. Rapp, T. Rauscher, R. Reifarth, M. Rosetti, C. Rubbia, G. Rudolf, P. Rullhusen, J. Salgado, J.C. Scares, C. Stephan, G. Tagliente, J.L. Tain, L. Tassan-Got, L. Tavora, R. Terlizzi, G. Vannini, P. Vaz, A. Ventura, D. Villamarin, M.C. Vincente, V. Vlachoudis, F. Voss, H. Wendler, M. Wiescher and K. Wisshak, Measurement of the ^{151}Sm(n,γ)^{152}Sm cross section at n_TOF **A758** (2005) 533c

Marrone, S., see n_TOF Collaboration **A758** (2005) 501c

Marrone, S., see n_TOF Collaboration **A758** (2005) 573c

Marsteller, B., T.C. Beers, S. Rossi, N. Christlieb, M. Bessell and J. Rhee, Carbon-enhanced metal-poor stars in the early galaxy **A758** (2005) 312c

Martínez-Pinedo, G., Microscopic calculations of weak interaction rates **A758** (2005) 387c

Martínez-Pinedo, G., see Fröhlich, C. **A758** (2005) 27c

Martínez-Pinedo, G., see Hix, W.R. **A758** (2005) 31c

Martínez-Pinedo, G., see Mocelj, D. **A758** (2005) 154c

Martinez-Val, J., see Marrone, S. **A758** (2005) 533c

Martinez-Val, J., see n_TOF Collaboration **A758** (2005) 501c

Martinez-Val, J., see n_TOF Collaboration **A758** (2005) 573c

Masaki, T., see Makii, H. **A758** (2005) 371c

Masaki, T., see Segawa, M. **A758** (2005) 553c

Masaki, T., see Shima, T. **A758** (2005) 557c

Mastinu, P., see Marrone, S. **A758** (2005) 533c

Mastinu, P., see n_TOF Collaboration **A758** (2005) 501c

Mastinu, P., see n_TOF Collaboration **A758** (2005) 573c

Máté, Z., see Gyürky, Gy. **A758** (2005) 517c

Matei, C. and C.R. Brune, Branching ratio measurements of the 7.12-MeV state in ^{16}O **A758** (2005) 403c

Mathews, G.J., T.P. Ashenfelter and K.A. Olive, Galactic chemical evolution, AGB stars, and the apparent time variation of the fine structure constant **A758** (2005) 238c

Mathews, G.J., J.R. Wilson and D.S.P. Dearborn, Supernovae from white dwarfs near black holes **A758** (2005) 467c

Mathews, G.J., see Otsuki, K. **A758** (2005) 316c

Mathews, G.J., see Sasaqui, T. **A758** (2005) 639c

Matsuba, R., see Arai, K. **A758** (2005) 39c

Matsuba, R., see Fujimoto, S. **A758** (2005) 47c

Matsuyama, Y.U., see Gomi, T. **A758** (2005) 761c

Matsuyama, Y.U., see Togano, Y. **A758** (2005) 182c
Matteucci, F., see Chiappini, C. **A758** (2005) 217c
Matteucci, F., see Romano, D. **A758** (2005) 328c
Mauersberger, R., see Lubowich, D.A. **A758** (2005) 795c
Mazzali, P.A., see Stehle, M. **A758** (2005) 470c
Mazzocchi, C., see Mukha, I. **A758** (2005) 647c
McCutchan, E., see Church, J.A. **A758** (2005) 126c
McGhee, K., see Hungerford, A.L. **A758** (2005) 15c
McLaughlin, G.C. and R. Surman, Prospects for obtaining an r process from gamma ray burst disk winds **A758** (2005) 189c
McWilliam, A., see Fulbright, J.P. **A758** (2005) 197c
Menegazzo, R., see Costantini, H. **A758** (2005) 383c
Mengoni, A., see Marrone, S. **A758** (2005) 533c
Mengoni, A., see n_TOF Collaboration **A758** (2005) 501c
Mengoni, A., see n_TOF Collaboration **A758** (2005) 573c
Mengoni, A., see Reifarth, R. **A758** (2005) 787c
Messer, O.E.B., see Hix, W.R. **A758** (2005) 31c
Meunier, R., see Hammer, J.W. **A758** (2005) 363c
Mewaldt, R.A., see Israel, M.H. **A758** (2005) 201c
Meyer, D., see Church, J.A. **A758** (2005) 126c
Meyer, R.A., see Nesaraja, C.D. **A758** (2005) 174c
Meynet, G., see Hirschi, R. **A758** (2005) 234c
Meynet, G., see Mowlavi, N. **A758** (2005) 320c
Mezzacappa, A., see Hix, W.R. **A758** (2005) 31c
Michimasa, S., see Gomi, T. **A758** (2005) 761c
Michimasa, S., see Kubono, S. **A758** (2005) 733c
Michimasa, S., see Togano, Y. **A758** (2005) 182c
Milazzo, P.M., see Marrone, S. **A758** (2005) 533c
Milazzo, P.M., see n_TOF Collaboration **A758** (2005) 501c
Milazzo, P.M., see n_TOF Collaboration **A758** (2005) 573c
Millar, T.J., see Lubowich, D.A. **A758** (2005) 795c
Minemura, T., see Gomi, T. **A758** (2005) 761c
Minemura, T., see Togano, Y. **A758** (2005) 182c
Mishima, K., see Makii, H. **A758** (2005) 371c
Mishima, K., see Segawa, M. **A758** (2005) 553c
Mishima, K., see Shima, T. **A758** (2005) 557c
Miura, M., see Gomi, T. **A758** (2005) 761c
Miura, M., see Togano, Y. **A758** (2005) 182c
Miyatake, H., see Kubono, S. **A758** (2005) 733c
Moazen, B.H., see Kozub, R.L. **A758** (2005) 753c
Moazen, B.H., see Thomas, J.S. **A758** (2005) 663c
Mocelj, D., T. Rauscher, K. Langanke, G. Martínez-Pinedo, L. Pacearescu, A. Fäßler and F.-K. Thielemann, Parity-dependence in the nuclear level density **A758** (2005) 154c
Mohr, P., see Shizuma, T. **A758** (2005) 561c
Mohrmann, E.C., see Snover, K.A. **A758** (2005) 685c
Molina-Coballes, A., see Marrone, S. **A758** (2005) 533c
Molina-Coballes, A., see n_TOF Collaboration **A758** (2005) 501c
Molina-Coballes, A., see n_TOF Collaboration **A758** (2005) 573c
Montes, F., H. Schatz, A. Aprahamian, O. Arndt, A. Estrade, K.-L. Kratz, S.N. Liddick, P.F. Mantica, W.F. Mueller, P. Hosmer, A.C. Morton, M. Ouellette, E. Pellegrini, B. Pfeiffer, P. Reeder, P. Santi, A. Stolz, B.E. Tomlin, W.B. Walters and A. Wöhr, β-decay studies close to the $N = 82$ r-process path **A758** (2005) 643c
Moon, J.Y., C.S. Lee, J.H. Lee, C.C. Yun, J.C. Kim, M. Youn, S. Kubono, T. Teranishi, J.J. He, M. Notani, S. Nishimura, M. Nishimura, V. Guimarães, R.F. Lichitenthaler and S. Kato, Study of proton resonances in ^{26}Si and ^{27}P by using the ^{25}Al and ^{26}Si radioactive ion beams **A758** (2005) 158c
Moon, J.Y., see Kubono, S. **A758** (2005) 733c
Moore, E.F., see Jenkins, D.G. **A758** (2005) 749c
Moreau, C., see Marrone, S. **A758** (2005) 533c
Moreau, C., see n_TOF Collaboration **A758** (2005) 501c
Moreau, C., see n_TOF Collaboration **A758** (2005) 573c

Morton, A.C., see Montes, F. **A758** (2005) 643c
Mosconi, M., see Marrone, S. **A758** (2005) 533c
Mosconi, M., see n_TOF Collaboration **A758** (2005) 501c
Mosconi, M., see n_TOF Collaboration **A758** (2005) 573c
Motobayashi, T., see Gomi, T. **A758** (2005) 761c
Motobayashi, T., see Kurata-Nishimura, M. **A758** (2005) 162c
Motobayashi, T., see Togano, Y. **A758** (2005) 182c
Mowlavi, N., J. Knödlseder, G. Meynet, P. Dubath, R. Diehl, G. Lichti, S. Schanne and C. Winkler, ^{26}Al production in γ^2 Velorum **A758** (2005) 320c
Mueller, W.F., see Montes, F. **A758** (2005) 643c
Mukha, I., M. Kavatsyuk, A. Algora, L. Batist, A. Blazhev, J. Döring, H. Grawe, M. Hellström, O. Kavatsyuk, R. Kirchner, M. La Commara, C. Mazzocchi, C. Plettner and E. Roeckl, The reaction of triple radiative capture $\alpha\alpha(n,\gamma)^9$Be studied in a β decay of ^{9}Li **A758** (2005) 647c
Mukha, I., see Angulo, C. **A758** (2005) 775c
Müller, S., see Galaviz, D. **A758** (2005) 521c
Murakami, H., see Gomi, T. **A758** (2005) 761c
Murakami, H., see Togano, Y. **A758** (2005) 182c
Murphy, A.S., see Angulo, C. **A758** (2005) 775c
Murphy, A.S., see Ruiz, C. **A758** (2005) 166c
Musumarra, A., see La Cognata, M. **A758** (2005) 98c
Musumarra, A., see Rinollo, A. **A758** (2005) 146c

n_TOF Collaboration, U. Abbondanno, G. Aerts, F. Alvarez-Velarde, H. Álvarez-Pol, S. Andriamonje, J. Andrzejewski, G. Badurek, P. Baumann, F. Bečvář, J. Benlliure, E. Berthoumieux, F. Calviño, D. Cano-Ott, R. Capote, P. Cennini, V. Chepel, E. Chiaveri, N. Colonna, G. Cortes, D. Cortina, A. Couture, J. Cox, S. Dababneh, M. Dahlfors, S. David, R. Dolfini, C. Domingo-Pardo, I. Duran, M. Embid-Segura, L. Ferrant, A. Ferrari, R. Ferreira-Marques, H. Frais-Kölbl, W. Furman, I. Goncalves, R. Gallino, E. Gonzalez-Romero, A. Goverdovski, F. Gramegna, E. Griesmayer, F. Gunsing, B. Haas, R. Haight, M. Heil, A. Herrera-Martinez, S. Isaev, E. Jericha, F. Käppeler, Y. Kadi, D. Karadimos, M. Kerveno,, V. Ketlerov, P. Koehler, V. Konovalov, M. Krtička, C. Lamboudis, H. Leeb, A. Lindote, I. Lopes, G. Lorusso, M. Lozano, S. Lukic, J. Marganiec, S. Marrone, J. Martinez-Val, P. Mastinu, A. Mengoni, P.M. Milazzo, A. Molina-Coballes, C. Moreau, M. Mosconi, F. Neves, H. Oberhummer, S. O'Brien, J. Pancin, T. Papaevangelou, C. Paradela, A. Pavlik, P. Pavlopoulos, J.M. Perlado, L. Perrot, M. Pignatari, R. Plag, A. Plompen, A. Plukis, A. Poch, A. Policarpo, C. Pretel, J. Quesada, W. Rapp, T. Rauscher, R. Reifarth, M. Rosetti, C. Rubbia, G. Rudolf, P. Rullhusen, J. Salgado, J.C. Soares, C. Stephan, G. Tagliente, J.L. Tain, L. Tassan-Got, L. Tavora, R. Terlizzi, G. Vannini, P. Vaz, A. Ventura, D. Villamarin, M.C. Vincente, V. Vlachoudis, F. Voss, H. Wendler, M. Wiescher and K. Wisshak, Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF **A758** (2005) 501c

n_TOF Collaboration, G. Tagliente, U. Abbondanno,

G. Aerts, F. Alvarez-Velarde, H. Álvarez-Pol, S. Andriamonje, J. Andrzejewski, G. Badurek, P. Baumann, F. Bečvář, J. Benlliure, E. Berthoumieux, F. Calviño, D. Cano-Ott, R. Capote, P. Cennini, V. Chepel, E. Chiaveri, N. Colonna, G. Cortes, D. Cortina, A. Couture, J. Cox, S. Dababneh, M. Dahlfors, S. David, R. Dolfini, C. Domingo-Pardo, I. Duran, M. Embid-Segura, L. Ferrant, A. Ferrari, R. Ferreira-Marques, H. Frais-Kölbl, W. Furman, I. Goncalves, R. Gallino, E. Gonzalez-Romero, A. Goverdovski, F. Gramegna, E. Griesmayer, F. Gunsing, B. Haas, R. Haight, M. Heil, A. Herrera-Martinez, S. Isaev, E. Jericha, F. Käppeler, Y. Kadi, D. Karadimos, M. Kerveno, V. Ketlerov, P. Koehler, V. Konovalov, M. Krtička, C. Lamboudis, H. Leeb, A. Lindote, I. Lopes, G. Lorusso, M. Lozano, S. Lukic, J. Marganiec, S. Marrone, J. Martinez-Val, P. Mastinu, A. Mengoni, P.M. Milazzo, A. Molina-Coballes, C. Moreau, M. Mosconi, F. Neves, H. Oberhummer, S. O'Brien, J. Pancin, T. Papaevangelou, C. Paradela, A. Pavlik, P. Pavlopoulos, J.M. Perlado, L. Perrot, M. Pignatari, R. Plag, A. Plompen, A. Plukis, A. Poch, A. Policarpo, C. Pretel, J. Quesada, W. Rapp, T. Rauscher, R. Reifarth, M. Rosetti, C. Rubbia, G. Rudolf, P. Rullhusen, J. Salgado, J.C. Soares, C. Stephan, J.L. Tain, L. Tassan-Got, L. Tavora, R. Terlizzi, G. Vannini, P. Vaz, A. Ventura, D. Villamarin, M.C. Vincente, V. Vlachoudis, F. Voss, H. Wendler, M. Wiescher and K. Wisshak, Measurements of the ^{90,91,92,94,96}Zr(n,γ) cross-sections at n_TOF **A758** (2005) 573c

Nagai, Y., A. Tomyo, Y. Temma, M. Segawa, T. Shima, H. Makii, M. Igashira and T. Ohsaki, Measurement of the keV neutron capture cross section of ^{62}Ni **A758** (2005) 537c

Nagai, Y., see Makii, H. **A758** (2005) 371c

Nagai, Y., see Segawa, M. **A758** (2005) 553c

Nagai, Y., see Shima, T. **A758** (2005) 557c

Nakamura, R., see Hashimoto, M. **A758** (2005) 779c

Nakamura, T., see Gomi, T. **A758** (2005) 761c

Nakamura, T., see Sasaqui, T. **A758** (2005) 639c

Nakamura, T., see Togano, Y. **A758** (2005) 182c

Nakamura, T., see Zegers, R.G.T. **A758** (2005) 67c

Nara Singh, B.S., M. Hass, Y. Nir-El and G. Haquin, A new precision measurement of the ^{3}He$(^{4}$He$,\gamma)^{7}$Be cross section **A758** (2005) 689c

Nara Singh, B.S., see Nassar, H. **A758** (2005) 411c

Nassar, H., M. Paul, S. Ghelberg, A. Ofan, N. Trubnikov, Y. Ben-Dov, M. Hass and B.S. Nara Singh, Study of the supernova nucleosynthesis ^{40}Ca$(\alpha,\gamma)^{44}$Ti reaction: Progress report **A758** (2005) 411c

Nesaraja, C.D., E.L. Lingerfelt, J.P. Scott, M.S. Smith, W.R. Hix, D.W. Bardayan, J.C. Blackmon, K. Chae, M.W. Guidry and R.A. Meyer, A new computational infrastructure for nuclear astrophysics **A758** (2005) 174c

Nesaraja, C.D., see Kozub, R.L. **A758** (2005) 753c

Nesaraja, C.D., see Thomas, J.S. **A758** (2005) 663c

Neves, F., see Marrone, S. **A758** (2005) 533c

Neves, F., see n_TOF Collaboration **A758** (2005) 501c
Neves, F., see n_TOF Collaboration **A758** (2005) 573c
Niemeyer, J.C., W. Schmidt and C. Klingenberg, Modelling turbulent deflagrations in Type Ia supernovae **A758** (2005) 431c
Ninane, A., see Angulo, C. **A758** (2005) 775c
Nir-El, Y., see Nara Singh, B.S. **A758** (2005) 689c
Nishida, K., see Sagara, K. **A758** (2005) 427c
Nishimura, M., see Kubono, S. **A758** (2005) 733c
Nishimura, M., see Moon, J.Y. **A758** (2005) 158c
Nishimura, S., M. Hashimoto and S. Fujimoto, R-process nucleosynthesis from an inner explosion of a low mass iron core **A758** (2005) 635c
Nishimura, S., see Kubono, S. **A758** (2005) 733c
Nishimura, S., see Kurata-Nishimura, M. **A758** (2005) 162c
Nishimura, S., see Moon, J.Y. **A758** (2005) 158c
Nishimura, T., see Suda, T. **A758** (2005) 336c
Nittler, L.R., R. Gallino, M. Lugaro, O. Straniero, I. Domínguez and E. Zinner, Si and C isotopes in presolar silicon carbide grains from AGB stars **A758** (2005) 348c
Nomoto, K., N. Tominaga, H. Umeda, K. Maeda, T. Ohkubo and J. Deng, Nucleosynthesis in hypernovae and population III supernovae **A758** (2005) 263c
Nomoto, K., see Hayakawa, T. **A758** (2005) 525c
Nomoto, K., see Kusakabe, M. **A758** (2005) 459c
Nomoto, K., see Wanajo, S. **A758** (2005) 615c
Notani, M., see Gomi, T. **A758** (2005) 761c
Notani, M., see Kubono, S. **A758** (2005) 733c
Notani, M., see Moon, J.Y. **A758** (2005) 158c
Notani, M., see Togano, Y. **A758** (2005) 182c
Nozawa, S., see Tomizawa, N. **A758** (2005) 667c
Nunes, F.M., see Summers, N.C. **A758** (2005) 705c

Oba, H., K. Sagara, T. Shimizu, M. Oshiro, T. Maeda and N. Ikeda, A long-time chopper for direct measurement of ^{4}He(^{12}C, ^{16}O)γ reaction cross section **A758** (2005) 407c
Oba, H., see Sagara, K. **A758** (2005) 427c
Oberhummer, H., see Marrone, S. **A758** (2005) 533c
Oberhummer, H., see n_TOF Collaboration **A758** (2005) 501c
Oberhummer, H., see n_TOF Collaboration **A758** (2005) 573c
O'Brien, J.T., see Crannell, H. **A758** (2005) 399c
O'Brien, S., see Heil, M. **A758** (2005) 529c
O'Brien, S., see Marrone, S. **A758** (2005) 533c
O'Brien, S., see n_TOF Collaboration **A758** (2005) 501c
O'Brien, S., see n_TOF Collaboration **A758** (2005) 573c
O'Brien, S., see Reifarth, R. **A758** (2005) 787c
Odahara, A., see Kubono, S. **A758** (2005) 733c
Ofan, A., see Nassar, H. **A758** (2005) 411c
Offermann, E., see Crannell, H. **A758** (2005) 399c
Ohgaki, H., see Shizuma, T. **A758** (2005) 561c
Ohkubo, T., see Nomoto, K. **A758** (2005) 263c
Ohsaki, T., see Makii, H. **A758** (2005) 371c
Ohsaki, T., see Nagai, Y. **A758** (2005) 537c
Ohsaki, T., see Segawa, M. **A758** (2005) 553c
Ohsaki, T., see Shima, T. **A758** (2005) 557c
Okabe, S., see Makii, H. **A758** (2005) 371c
Olin, A., see Trinczek, M. **A758** (2005) 729c
Olive, K.A., see Mathews, G.J. **A758** (2005) 238c
Onsi, M., see Pearson, J.M. **A758** (2005) 651c
Ordine, A., see Schürmann, D. **A758** (2005) 367c
Orr, N., see Angulo, C. **A758** (2005) 775c
Oser, S.M. and SNO Collaboration, SNO: The sun as seen from 2 km underground **A758** (2005) 677c
Oshiro, M., see Oba, H. **A758** (2005) 407c
Oshiro, M., see Sagara, K. **A758** (2005) 427c
Ota, S., see Gomi, T. **A758** (2005) 761c
Ota, S., see Togano, Y. **A758** (2005) 182c
Otsuki, K., G.J. Mathews, T. Ashenfelter and T. Kajino, Neutron-capture elements in Galactic globular clusters **A758** (2005) 316c
Otsuki, K., see Sasaqui, T. **A758** (2005) 639c
Ottewel, D., see Trinczek, M. **A758** (2005) 729c
Ouellette, M., see Montes, F. **A758** (2005) 643c

Pacearescu, L., see Mocelj, D. **A758** (2005) 154c
Palumbo, A., see Gyürky, Gy. **A758** (2005) 517c
Pancin, J., see Marrone, S. **A758** (2005) 533c
Pancin, J., see n_TOF Collaboration **A758** (2005) 501c
Pancin, J., see n_TOF Collaboration **A758** (2005) 573c
Papaevangelou, T., see Marrone, S. **A758** (2005) 533c
Papaevangelou, T., see n_TOF Collaboration **A758** (2005) 501c
Papaevangelou, T., see n_TOF Collaboration **A758** (2005) 573c
Papka, P., see Hammer, J.W. **A758** (2005) 363c
Paradela, C., see Marrone, S. **A758** (2005) 533c
Paradela, C., see n_TOF Collaboration **A758** (2005) 501c
Paradela, C., see n_TOF Collaboration **A758** (2005) 573c
Paradellis, T., see Hammer, J.W. **A758** (2005) 363c
Parikh, A., see Lewis, R. **A758** (2005) 84c
Park, S.H., see Snover, K.A. **A758** (2005) 685c
Parker, P., see Lewis, R. **A758** (2005) 84c
Parker, P., see Trinczek, M. **A758** (2005) 729c
Pasachoff, J., see Lubowich, D.A. **A758** (2005) 795c
Patronis, N., see Reifarth, R. **A758** (2005) 787c
Paul, M., see Nassar, H. **A758** (2005) 411c
Pavan, M.M., see Trinczek, M. **A758** (2005) 729c
Pavlik, A., see Marrone, S. **A758** (2005) 533c
Pavlik, A., see n_TOF Collaboration **A758** (2005) 501c
Pavlik, A., see n_TOF Collaboration **A758** (2005) 573c
Pavlopoulos, P., see Marrone, S. **A758** (2005) 533c
Pavlopoulos, P., see n_TOF Collaboration **A758** (2005) 501c
Pavlopoulos, P., see n_TOF Collaboration **A758** (2005) 573c
Pearson, J., see Ruiz, C. **A758** (2005) 166c
Pearson, J.E., see Trinczek, M. **A758** (2005) 729c
Pearson, J.M., M. Onsi, S. Goriely and M. Samyn, Hartree–Fock–Bogoliubov mass formulas and the equation of state of neutron-star matter **A758** (2005) 651c
Pearson, J.M., see Goriely, S. **A758** (2005) 587c
Pellegrini, E., see Montes, F. **A758** (2005) 643c
Pellegriti, M.G., see La Cognata, M. **A758** (2005) 98c
Pellegriti, M.G., see Rinollo, A. **A758** (2005) 146c
Pen, U., see Liebendörfer, M. **A758** (2005) 59c
Perlado, J.M., see Marrone, S. **A758** (2005) 533c
Perlado, J.M., see n_TOF Collaboration **A758** (2005) 501c
Perlado, J.M., see n_TOF Collaboration **A758** (2005) 573c
Perrot, L., see Marrone, S. **A758** (2005) 533c
Perrot, L., see n_TOF Collaboration **A758** (2005) 501c
Perrot, L., see n_TOF Collaboration **A758** (2005) 573c
Pfeiffer, B., see Farouqi, K. **A758** (2005) 631c
Pfeiffer, B., see Montes, F. **A758** (2005) 643c
Pignatari, M., R. Gallino, F. Käppeler and M. Wiescher, Effects of uncertainties of the ^{22}Ne$(\alpha,n)^{25}$Mg and ^{13}C$(\alpha,n)^{16}$O reaction rates in the s-process yields **A758** (2005) 541c
Pignatari, M., see Bisterzo, S. **A758** (2005) 284c
Pignatari, M., see Marrone, S. **A758** (2005) 533c
Pignatari, M., see n_TOF Collaboration **A758** (2005) 501c
Pignatari, M., see n_TOF Collaboration **A758** (2005) 573c
Pinsonneault, M.H., see Schuler, S.C. **A758** (2005) 332c
Pizzone, R.G., see La Cognata, M. **A758** (2005) 98c
Pizzone, R.G., see Rinollo, A. **A758** (2005) 146c
Plag, R., M. Heil, F. Käppeler, R. Reifarth and K. Wisshak, An independent measurement of the ^{12}C$(\alpha,\gamma)^{16}$O cross section with the Karlsruhe 4π BaF_2 detector **A758** (2005) 415c
Plag, R., see Heil, M. **A758** (2005) 529c
Plag, R., see n_TOF Collaboration **A758** (2005) 501c
Plag, R., see n_TOF Collaboration **A758** (2005) 573c
Plag, R., see Reifarth, R. **A758** (2005) 787c
Plettner, C., see Church, J.A. **A758** (2005) 126c
Plettner, C., see Mukha, I. **A758** (2005) 647c

Plewa, T., see Brown, E.F. **A758** (2005) 451c
Plompen, A., see Marrone, S. **A758** (2005) 533c
Plompen, A., see n_TOF Collaboration **A758** (2005) 501c
Plompen, A., see n_TOF Collaboration **A758** (2005) 573c
Plukis, A., see Marrone, S. **A758** (2005) 533c
Plukis, A., see n_TOF Collaboration **A758** (2005) 501c
Plukis, A., see n_TOF Collaboration **A758** (2005) 573c
Poch, A., see Marrone, S. **A758** (2005) 533c
Poch, A., see n_TOF Collaboration **A758** (2005) 501c
Poch, A., see n_TOF Collaboration **A758** (2005) 573c
Podsiadlowski, Ph., see Lesaffre, P. **A758** (2005) 463c
Policarpo, A., see Marrone, S. **A758** (2005) 533c
Policarpo, A., see n_TOF Collaboration **A758** (2005) 501c
Policarpo, A., see n_TOF Collaboration **A758** (2005) 573c
Pols, O., see Lugaro, M. **A758** (2005) 725c
Pompéia, L., V. Hill and M. Spite, Abundances in a large sample of stars in the LMC disk **A758** (2005) 242c
Pompeia, L., see Bisterzo, S. **A758** (2005) 284c
Prantzos, N., The early phases of Milky Way's chemical evolution **A758** (2005) 249c
Prantzos, N., see Ishimaru, Y. **A758** (2005) 603c
Prati, P., see Costantini, H. **A758** (2005) 383c
Pretel, C., see Marrone, S. **A758** (2005) 533c
Pretel, C., see n_TOF Collaboration **A758** (2005) 501c
Pretel, C., see n_TOF Collaboration **A758** (2005) 573c
Priller, A., see Vockenhuber, C. **A758** (2005) 340c
Prodanović, T. and B.D. Fields, Lithium-6 and gamma-rays: Constraints on primordial lithium, cosmic rays and cosmic star formation **A758** (2005) 799c
Quesada, J., see Marrone, S. **A758** (2005) 533c
Quesada, J., see n_TOF Collaboration **A758** (2005) 501c
Quesada, J., see n_TOF Collaboration **A758** (2005) 573c
Raiola, F., see Fülöp, Zs. **A758** (2005) 697c
Raman, S., see Marrone, S. **A758** (2005) 533c
Rampp, M., see Janka, H.-T. **A758** (2005) 19c
Rapp, W., M. Wiescher, H. Schatz and F. Käppeler, The influence of reaction rates on the final p-abundances **A758** (2005) 545c
Rapp, W., see Marrone, S. **A758** (2005) 533c
Rapp, W., see n_TOF Collaboration **A758** (2005) 501c
Rapp, W., see n_TOF Collaboration **A758** (2005) 573c
Rauscher, T., Reaction rate sensitivity of the γ-process path **A758** (2005) 549c
Rauscher, T., Neutron captures in the r-process—Do we know them and does it make any difference? **A758** (2005) 655c
Rauscher, T., see Dillmann, I. **A758** (2005) 513c
Rauscher, T., see Farouqi, K. **A758** (2005) 631c
Rauscher, T., see Gyürky, Gy. **A758** (2005) 517c
Rauscher, T., see Marrone, S. **A758** (2005) 533c
Rauscher, T., see Mocelj, D. **A758** (2005) 154c
Rauscher, T., see n_TOF Collaboration **A758** (2005) 501c
Rauscher, T., see n_TOF Collaboration **A758** (2005) 573c
Reeder, P., see Montes, F. **A758** (2005) 643c
Rehm, K.E., see Jenkins, D.G. **A758** (2005) 749c
Reifarth, R., M. Heil, R. Plag, U. Besserer, S. Dababneh, L. Dörr, J. Görres, R.C. Haight, F. Käppeler, A. Mengoni, S. O'Brien, N. Patronis, R.S. Rundberg, M. Wiescher and J.B. Wilhelmy, Stellar neutron capture rates of ^{14}C **A758** (2005) 787c
Reifarth, R., see Heil, M. **A758** (2005) 529c
Reifarth, R., see Marrone, S. **A758** (2005) 533c
Reifarth, R., see n_TOF Collaboration **A758** (2005) 501c
Reifarth, R., see n_TOF Collaboration **A758** (2005) 573c
Reifarth, R., see Plag, R. **A758** (2005) 415c

Reitzner, S.D., R.N. Boyd, T.J. LeCompte and R.L. Talaga, Lead based supernova neutrino detectors **A758** (2005) 701c

Renda, A., Y. Fenner, B.K. Gibson, A.I. Karakas, J.C. Lattanzio, S. Campbell, A. Chieffi, K. Cunha and V.V. Smith, The evolution of fluorine in galactic systems **A758** (2005) 324c

Ressler, J., see Church, J.A. **A758** (2005) 126c

Reyniers, M., see Deroo, P. **A758** (2005) 288c

Rhee, J., see Marsteller, B. **A758** (2005) 312c

Rich, R.M., see Fulbright, J.P. **A758** (2005) 197c

Ricker, P.M., see Brown, E.F. **A758** (2005) 451c

Ring, P., see Gasques, L.R. **A758** (2005) 134c

Rinollo, A., S. Romano, C. Spitaleri, C. Bonomo, S. Cherubini, A. Del Zoppo, P. Figuera, M. La Cognata, L. Lamia, A. Musumarra, M.G. Pellegriti, R.G. Pizzone, C. Rolfs, D. Schürmann, F. Strieder, S. Tudisco and A. Tumino, Measurement of cross section and astrophysical factor of the $d(d, p)t$ reaction using the Trojan Horse Method **A758** (2005) 146c

Rinollo, A., see La Cognata, M. **A758** (2005) 98c

Roberts, H., see Lubowich, D.A. **A758** (2005) 795c

Roberts, I., see Ruiz, C. **A758** (2005) 166c

Robinson, A., see Ruiz, C. **A758** (2005) 166c

Robinson, K., see Brown, E.F. **A758** (2005) 451c

Roca, V., see Costantini, H. **A758** (2005) 383c

Roca, V., see Fülöp, Zs. **A758** (2005) 697c

Roca, V., see Schürmann, D. **A758** (2005) 367c

Röcken, H., see Schürmann, D. **A758** (2005) 367c

Roeckl, E., see Mukha, I. **A758** (2005) 647c

Rogalla, D., see Fülöp, Zs. **A758** (2005) 697c

Rogalla, D., see Schürmann, D. **A758** (2005) 367c

Rogers, J., see Trinczek, M. **A758** (2005) 729c

Rolfs, C., see Costantini, H. **A758** (2005) 383c

Rolfs, C., see Fülöp, Zs. **A758** (2005) 697c

Rolfs, C., see Harissopulos, S. **A758** (2005) 505c

Rolfs, C., see La Cognata, M. **A758** (2005) 98c

Rolfs, C., see Rinollo, A. **A758** (2005) 146c

Rolfs, C., see Schürmann, D. **A758** (2005) 367c

Romano, D. and F. Matteucci, Galactic evolution of the CNO isotopes—The role of explosive nova nucleosynthesis **A758** (2005) 328c

Romano, M., see Costantini, H. **A758** (2005) 383c

Romano, M., see Fülöp, Zs. **A758** (2005) 697c

Romano, M., see Schürmann, D. **A758** (2005) 367c

Romano, S., see La Cognata, M. **A758** (2005) 98c

Romano, S., see Rinollo, A. **A758** (2005) 146c

Rosetti, M., see Marrone, S. **A758** (2005) 533c

Rosetti, M., see n_TOF Collaboration **A758** (2005) 501c

Rosetti, M., see n_TOF Collaboration **A758** (2005) 573c

Rossi, S., see Marsteller, B. **A758** (2005) 312c

Rossi Alvarez, C., see Costantini, H. **A758** (2005) 383c

Rousseau, M., see Hammer, J.W. **A758** (2005) 363c

Rowley, N., see Hammer, J.W. **A758** (2005) 363c

Rubbia, C., see Marrone, S. **A758** (2005) 533c

Rubbia, C., see n_TOF Collaboration **A758** (2005) 501c

Rubbia, C., see n_TOF Collaboration **A758** (2005) 573c

Rudolf, G., see Marrone, S. **A758** (2005) 533c

Rudolf, G., see n_TOF Collaboration **A758** (2005) 501c

Rudolf, G., see n_TOF Collaboration **A758** (2005) 573c

Ruiz, C., M. Aliotta, R.E. Azuma, R.N. Boyd, L. Buchmann, A. Chen, N.M. Clarke, J.M. D'Auria, T. Davinson, B.R. Fulton, D. Groombridge, D. Hutcheon, A.M. Laird, A.S. Murphy, J. Pearson, I. Roberts, A. Robinson, F. Sarazin, A.C. Shotter, P. Walden and P.J. Woods, Multichannel R-matrix analysis of elastic and inelastic resonances in the ^{20,21}Na + p compound systems **A758** (2005) 166c

Ruiz, C., see Trinczek, M. **A758** (2005) 729c

Rullhusen, P., see Marrone, S. **A758** (2005) 533c
Rullhusen, P., see n_TOF Collaboration **A758** (2005) 501c
Rullhusen, P., see n_TOF Collaboration **A758** (2005) 573c
Rundberg, R.S., see Reifarth, R. **A758** (2005) 787c
Ruprecht, G., K. Czerski, D. Bemmerer, M. Hoeft and P. Heide, Excitation of giant resonances in deuteron stripping reactions on ^{10}B far below the Coulomb Barrier **A758** (2005) 170c
Ryan, S., see Gallino, R. **A758** (2005) 485c
Ryan, S.G., see Ishimaru, Y. **A758** (2005) 603c
Ryckebusch, J., see Jachowicz, N. **A758** (2005) 51c

Sagara, K., T. Teranishi, H. Oba, M. Oshiro, M. Kouzuma, K. Nishida, N. Ikeda and S. Tanaka, Direct measurement of ^{4}He(^{12}C, ^{16}O)γ reaction cross section around E_{cm} = 2.4 MeV at KUTL **A758** (2005) 427c
Sagara, K., see Oba, H. **A758** (2005) 407c
Sahin, L., see Bardayan, D.W. **A758** (2005) 737c
Sahin, L., see Kozub, R.L. **A758** (2005) 753c
Saito, A., see Gomi, T. **A758** (2005) 761c
Saito, A., see Kubono, S. **A758** (2005) 733c
Saito, A., see Togano, Y. **A758** (2005) 182c
Sakurai, H., see Gomi, T. **A758** (2005) 761c
Sakurai, H., see Togano, Y. **A758** (2005) 182c
Sakurai, K., see Hasebe, N. **A758** (2005) 292c
Salgado, J., see Marrone, S. **A758** (2005) 533c
Salgado, J., see n_TOF Collaboration **A758** (2005) 501c
Salgado, J., see n_TOF Collaboration **A758** (2005) 573c
Sampaio, J., see Hix, W.R. **A758** (2005) 31c
Samyn, M. and S. Goriely, Microscopic HFB fission barriers for r-process nucleosynthesis calculations **A758** (2005) 659c
Samyn, M., see Demetriou, P. **A758** (2005) 627c
Samyn, M., see Goriely, S. **A758** (2005) 587c
Samyn, M., see Pearson, J.M. **A758** (2005) 651c
Samyn, M., see Wanajo, S. **A758** (2005) 671c
Santi, P., see Montes, F. **A758** (2005) 643c
Sarazin, F., see Ruiz, C. **A758** (2005) 166c
Sasaqui, T., T. Kajino, K. Otsuki, G.J. Mathews and T. Nakamura, Light-mass cluster reactions in supernova r-process **A758** (2005) 639c
Scares, J.C., see Marrone, S. **A758** (2005) 533c
Schanne, S., see Mowlavi, N. **A758** (2005) 320c
Schatz, H., Experiments with radioactive beams of r-process nuclei **A758** (2005) 607c
Schatz, H., see Fisker, J.L. **A758** (2005) 447c
Schatz, H., see Montes, F. **A758** (2005) 643c
Schatz, H., see Rapp, W. **A758** (2005) 545c
Schatz, H., see Zegers, R.G.T. **A758** (2005) 67c
Scheck, L., see Janka, H.-T. **A758** (2005) 19c
Scheller, K., see Ugalde, C. **A758** (2005) 577c
Schmidt, W., see Niemeyer, J.C. **A758** (2005) 431c
Schuler, S.C., J.R. King, L.M. Hobbs and M.H. Pinsonneault, λ7774 oxygen triplet in open cluster dwarfs: Pleiades and M34 **A758** (2005) 332c
Schümann, F., see Costantini, H. **A758** (2005) 383c
Schümann, F., see Schürmann, D. **A758** (2005) 367c
Schürmann, D., A. Di Leva, N. De Cesare, L. Gialanella, G. Imbriani, C. Lubritto, A. Ordine, V. Roca, H. Röcken, C. Rolfs, D. Rogalla, M. Romano, F. Schümann, F. Strieder, F. Terrasi and H.-P. Trautvetter, Measurement of the cross section of ^{12}C(α, γ)^{16}O using the recoil mass separator ERNA **A758** (2005) 367c
Schürmann, D., see Fülöp, Zs. **A758** (2005) 697c
Schürmann, D., see La Cognata, M. **A758** (2005) 98c
Schürmann, D., see Rinollo, A. **A758** (2005) 146c
Scott, J.P., see Kozub, R.L. **A758** (2005) 753c
Scott, J.P., see Nesaraja, C.D. **A758** (2005) 174c
Segawa, M., Y. Nagai, T. Shima, H. Makii, K. Mishima, H. Ueda, H. Temma, T. Masaki,

M. Igashira, T. Ohsaki, T. Shizuma and T. Hayakawa, Neutron experiment for the study of Re/Os cosmochronometer **A758** (2005) 553c
Segawa, M., see Makii, H. **A758** (2005) 371c
Segawa, M., see Nagai, Y. **A758** (2005) 537c
Segawa, M., see Shima, T. **A758** (2005) 557c
Serata, M., see Gomi, T. **A758** (2005) 761c
Serata, M., see Togano, Y. **A758** (2005) 182c
Serpico, P.D., The nuclear reactions in standard BBN **A758** (2005) 803c
Shapira, D., see Bardayan, D.W. **A758** (2005) 737c
Shapira, D., see Kozub, R.L. **A758** (2005) 753c
Shapira, D., see Thomas, J.S. **A758** (2005) 663c
Shen, H., see Sumiyoshi, K. **A758** (2005) 63c
Sherrill, B.M., see Zegers, R.G.T. **A758** (2005) 67c
Shima, T., Y. Nagai, H. Makii, K. Mishima, M. Segawa, H. Ueda, Y. Temma, T. Masaki, M. Igashira, T. Ohsaki, T. Hayakawa, T. Shizuma and H. Utsunomiya, Experimental study of cosmonuclear physics at J-PARC **A758** (2005) 557c
Shima, T., see Makii, H. **A758** (2005) 371c
Shima, T., see Nagai, Y. **A758** (2005) 537c
Shima, T., see Segawa, M. **A758** (2005) 553c
Shimizu, T., see Oba, H. **A758** (2005) 407c
Shimoura, S., see Gomi, T. **A758** (2005) 761c
Shimoura, S., see Kubono, S. **A758** (2005) 733c
Shimoura, S., see Togano, Y. **A758** (2005) 182c
Shizuma, T., H. Utsunomiya, S. Goko, P. Mohr, T. Hayakawa, A. Makinaga, K.Y. Hara, H. Ohgaki, Y.-W. Lui and S. Goriely, Photoneutron cross section measurements on ^{186}W, ^{187}Re and ^{188}Os for cosmochronology **A758** (2005) 561c
Shizuma, T., see Hayakawa, T. **A758** (2005) 525c
Shizuma, T., see Segawa, M. **A758** (2005) 553c
Shizuma, T., see Shima, T. **A758** (2005) 557c
Shotter, A.C., see Ruiz, C. **A758** (2005) 166c
Shu, N., see Liu, W. **A758** (2005) 110c
Shu, N.-C., Y.-S. Chen, K.-S. Wu, X.-X. Bai, Z.-H. Li and W.-P. Liu, The ^{11}C$(p,\gamma)^{12}$N reaction rate and the conversion of ^{3}He into CNO **A758** (2005) 419c
Siess, L. and S. Goriely, S-process nucleosynthesis during hot dredge-ups **A758** (2005) 565c
Siess, L., see Deroo, P. **A758** (2005) 288c
Sion, E.M., see Starrfield, S. **A758** (2005) 455c
Smalley, B., see Ford, A. **A758** (2005) 280c
Smith, M.S., see Bardayan, D.W. **A758** (2005) 737c
Smith, M.S., see Kozub, R.L. **A758** (2005) 753c
Smith, M.S., see Nesaraja, C.D. **A758** (2005) 174c
Smith, M.S., see Thomas, J.S. **A758** (2005) 663c
Smith, V., see Bisterzo, S. **A758** (2005) 284c
Smith, V.V., see Renda, A. **A758** (2005) 324c
SNO Collaboration, see Oser, S.M. **A758** (2005) 677c
Snover, K.A., A.R. Junghans, E.C. Mohrmann, T.D. Steiger, E.G. Adelberger, J.M. Casandjian, H.E. Swanson, L. Buchmann, S.H. Park, A. Zyuzin and A.M. Laird, The ^{7}Be$(p,\gamma)^{8}$B astrophysical S-factor **A758** (2005) 685c
Soares, J.C., see n_TOF Collaboration **A758** (2005) 501c
Soares, J.C., see n_TOF Collaboration **A758** (2005) 573c
Sober, D.I., see Crannell, H. **A758** (2005) 399c
Somorjai, E., see Costantini, H. **A758** (2005) 383c
Somorjai, E., see Fülöp, Zs. **A758** (2005) 90c
Somorjai, E., see Fülöp, Zs. **A758** (2005) 697c
Somorjai, E., see Gyürky, Gy. **A758** (2005) 517c
Sonnabend, K., see Galaviz, D. **A758** (2005) 521c
Sonnabend, K., see Gyürky, Gy. **A758** (2005) 517c
Sonzogni, A.A., Next-generation nuclear data web services **A758** (2005) 178c
Sparenberg, J.-M., Hybrid potential/R-matrix models for the ^{12}C + α system **A758** (2005) 423c
Sparks, W.M., see Starrfield, S. **A758** (2005) 455c
Spitaleri, C., see La Cognata, M. **A758** (2005) 98c
Spitaleri, C., see Rinollo, A. **A758** (2005) 146c

Spite, F., see Chiappini, C. **A758** (2005) 217c
Spite, M., see Chiappini, C. **A758** (2005) 217c
Spite, M., see Pompéia, L. **A758** (2005) 242c
Spyrou, A., see Harissopulos, S. **A758** (2005) 505c
Stancliffe, R.J., M. Lugaro, A.I. Karakas and C.A. Tout, Nucleosynthesis on the asymptotic giant branch: A comparison between codes **A758** (2005) 569c
Starrfield, S., W.R. Hix, F.X. Timmes, E.M. Sion, W.M. Sparks and S.J. Dwyer, Studies of accretion onto hot, massive white dwarfs: The growth to the Chandrasekhar Limit? **A758** (2005) 455c
Staudt, G., see Hammer, J.W. **A758** (2005) 363c
Stech, E., see Ugalde, C. **A758** (2005) 577c
Stehle, M., P.A. Mazzali and W. Hillebrandt, Abundance tomography of Type Ia supernovae **A758** (2005) 470c
Steier, P., see Vockenhuber, C. **A758** (2005) 340c
Steiger, T.D., see Snover, K.A. **A758** (2005) 685c
Steiner, M., see Zegers, R.G.T. **A758** (2005) 67c
Stephan, C., see Marrone, S. **A758** (2005) 533c
Stephan, C., see n_TOF Collaboration **A758** (2005) 501c
Stephan, C., see n_TOF Collaboration **A758** (2005) 573c
Stolz, A., see Montes, F. **A758** (2005) 643c
Stone, E.C., see Israel, M.H. **A758** (2005) 201c
Straniero, O., see Costantini, H. **A758** (2005) 383c
Straniero, O., see Cristallo, S. **A758** (2005) 509c
Straniero, O., see Gallino, R. **A758** (2005) 485c
Straniero, O., see Nittler, L.R. **A758** (2005) 348c
Strieder, F., see Costantini, H. **A758** (2005) 383c
Strieder, F., see Fülöp, Zs. **A758** (2005) 697c
Strieder, F., see Harissopulos, S. **A758** (2005) 505c
Strieder, F., see La Cognata, M. **A758** (2005) 98c
Strieder, F., see Rinollo, A. **A758** (2005) 146c
Strieder, F., see Schürmann, D. **A758** (2005) 367c
Suda, T., M. Aikawa, T. Nishimura, M.Y. Fujimoto and I. Iben Jr., The origin of HE0107-5240 and the production of O and Na in extremely metal-poor stars **A758** (2005) 336c
Sugimoto, T., see Gomi, T. **A758** (2005) 761c
Sugimoto, T., see Togano, Y. **A758** (2005) 182c
Sumiyoshi, K., S. Yamada, H. Suzuki, H. Shen and H. Toki, An approach toward the successful supernova explosion by physics of unstable nuclei **A758** (2005) 63c
Summers, N.C. and F.M. Nunes, ^{7}Be breakup on heavy and light targets **A758** (2005) 705c
Sun, Y., M. Wiescher, A. Aprahamian and J. Fisker, Nuclear structure of the exotic mass region along the *rp* process path **A758** (2005) 765c
Surman, R., see McLaughlin, G.C. **A758** (2005) 189c
Suzuki, H., see Sumiyoshi, K. **A758** (2005) 63c
Swanson, H.E., see Snover, K.A. **A758** (2005) 685c
Szilner, S., see Hammer, J.W. **A758** (2005) 363c

Tagliente, G., see Marrone, S. **A758** (2005) 533c
Tagliente, G., see n_TOF Collaboration **A758** (2005) 501c
Tagliente, G., see n_TOF Collaboration **A758** (2005) 573c
Tain, J.L., see Marrone, S. **A758** (2005) 533c
Tain, J.L., see n_TOF Collaboration **A758** (2005) 501c
Tain, J.L., see n_TOF Collaboration **A758** (2005) 573c
Takeshita, E., see Gomi, T. **A758** (2005) 761c
Takeshita, E., see Togano, Y. **A758** (2005) 182c
Takeuchi, S., see Gomi, T. **A758** (2005) 761c
Takeuchi, S., see Togano, Y. **A758** (2005) 182c
Talaga, R.L., see Reitzner, S.D. **A758** (2005) 701c
Tan, W., see Ugalde, C. **A758** (2005) 577c
Tanaka, M.H., see Kubono, S. **A758** (2005) 733c
Tanaka, S., see Sagara, K. **A758** (2005) 427c
Tassan-Got, L., see Marrone, S. **A758** (2005) 533c
Tassan-Got, L., see n_TOF Collaboration **A758** (2005) 501c
Tassan-Got, L., see n_TOF Collaboration **A758** (2005) 573c
Tatischeff, V., see Angulo, C. **A758** (2005) 775c

Tatischeff, V., see Hammer, J.W. **A758** (2005) 363c
Tavora, L., see Marrone, S. **A758** (2005) 533c
Tavora, L., see n_TOF Collaboration **A758** (2005) 501c
Tavora, L., see n_TOF Collaboration **A758** (2005) 573c
Temma, H., see Segawa, M. **A758** (2005) 553c
Temma, Y., see Nagai, Y. **A758** (2005) 537c
Temma, Y., see Shima, T. **A758** (2005) 557c
Teranishi, T., see Kubono, S. **A758** (2005) 733c
Teranishi, T., see Kurata-Nishimura, M. **A758** (2005) 162c
Teranishi, T., see Moon, J.Y. **A758** (2005) 158c
Teranishi, T., see Sagara, K. **A758** (2005) 427c
Terlizzi, R., see Marrone, S. **A758** (2005) 533c
Terlizzi, R., see n_TOF Collaboration **A758** (2005) 501c
Terlizzi, R., see n_TOF Collaboration **A758** (2005) 573c
Terrasi, F., see Costantini, H. **A758** (2005) 383c
Terrasi, F., see Fülöp, Zs. **A758** (2005) 697c
Terrasi, F., see Schürmann, D. **A758** (2005) 367c
Thielemann, F.-K., see Dillmann, I. **A758** (2005) 513c
Thielemann, F.-K., see Farouqi, K. **A758** (2005) 631c
Thielemann, F.-K., see Fisker, J.L. **A758** (2005) 447c
Thielemann, F.-K., see Fröhlich, C. **A758** (2005) 27c
Thielemann, F.-K., see Mocelj, D. **A758** (2005) 154c
Thomas, J.S., D.W. Bardayan, J.C. Blackmon, J.A. Cizewski, R.P. Fitzgerald, U. Greife, C.J. Gross, M.S. Johnson, K.L. Jones, R.L. Kozub, J.F. Liang, R.J. Livesay, Z. Ma, B.H. Moazen, C.D. Nesaraja, D. Shapira, M.S. Smith and D.W. Visser, Neutron single-particle states in r-process nuclei near closed shells **A758** (2005) 663c
Thomas, J.S., see Kozub, R.L. **A758** (2005) 753c
Thompson, C., see Liebendörfer, M. **A758** (2005) 59c
Thompson, L.G., see Cole, A.L. **A758** (2005) 276c
Tikhomolov, E., Large-scale vortical flows and penetrative convection in the sun **A758** (2005) 709c
Timmes, F.X., see Fryer, C.L. **A758** (2005) 599c
Timmes, F.X., see Hungerford, A.L. **A758** (2005) 15c
Timmes, F.X., see Starrfield, S. **A758** (2005) 455c
Togano, Y., T. Gomi, T. Motobayashi, Y. Ando, N. Aoi, H. Baba, K. Demichi, Z. Elekes, N. Fukuda, Zs. Fülöp, U. Futakami, H. Hasegawa, Y. Higurashi, K. Ieki, N. Imai, M. Ishihara, K. Ishikawa, N. Iwasa, H. Iwasaki, S. Kanno, Y. Kondo, T. Kubo, S. Kubono, M. Kunibu, K. Kurita, Y.U. Matsuyama, S. Michimasa, T. Minemura, M. Miura, H. Murakami, T. Nakamura, M. Notani, S. Ota, A. Saito, H. Sakurai, M. Serata, S. Shimoura, T. Sugimoto, E. Takeshita, S. Takeuchi, K. Ue, K. Yamada, Y. Yanagisawa, K. Yoneda and A. Yoshida, Study of ^{26}Si$(p,\gamma)^{27}$P reaction using Coulomb dissociation method **A758** (2005) 182c
Togano, Y., see Gomi, T. **A758** (2005) 761c
Toki, H., see Sumiyoshi, K. **A758** (2005) 63c
Tominaga, N., see Nomoto, K. **A758** (2005) 263c
Tomizawa, N., S. Wanajo, R. Asahara, N. Itoh and S. Nozawa, Production of the light r-process nuclei in neutrino-driven winds **A758** (2005) 667c
Tomlin, B.E., see Montes, F. **A758** (2005) 643c
Tomyo, A., see Nagai, Y. **A758** (2005) 537c
Tout, C.A., see Lesaffre, P. **A758** (2005) 463c
Tout, C.A., see Lugaro, M. **A758** (2005) 725c
Tout, C.A., see Stancliffe, R.J. **A758** (2005) 569c
Trautvetter, H.-P., see Angulo, C. **A758** (2005) 391c
Trautvetter, H.-P., see Schürmann, D. **A758** (2005) 367c
Trautvetter, H.P., see Costantini, H. **A758** (2005) 383c
Trinczek, M., C.C. Jewett, J.M. D'Auria, S. Bishop,

L. Buchmann, A.A. Chen, S. Engel, D. Gigliotti, U. Greife, D. Hunter, A. Hussein, D. Hutcheon, J. José, A.M. Laird, M. Lamey, R. Lewis, A. Olin, D. Ottewel, P. Parker, M.M. Pavan, J.E. Pearson, J. Rogers, C. Ruiz and C. Wrede, Direct measurement of the ^{21}Na$(p,\gamma)^{22}$Mg reaction: Resonance strengths and gamma–gamma analysis **A758** (2005) 729c

Trubnikov, N., see Nassar, H. **A758** (2005) 411c

Truett, B., see Jenkins, D.G. **A758** (2005) 749c

Tudisco, S., see La Cognata, M. **A758** (2005) 98c

Tudisco, S., see Rinollo, A. **A758** (2005) 146c

Tumino, A., see La Cognata, M. **A758** (2005) 98c

Tumino, A., see Rinollo, A. **A758** (2005) 146c

Typel, S., see La Cognata, M. **A758** (2005) 98c

Ue, K., see Gomi, T. **A758** (2005) 761c

Ue, K., see Togano, Y. **A758** (2005) 182c

Ueda, H., see Makii, H. **A758** (2005) 371c

Ueda, H., see Segawa, M. **A758** (2005) 553c

Ueda, H., see Shima, T. **A758** (2005) 557c

Ueno, H., see Zegers, R.G.T. **A758** (2005) 67c

Ugalde, C., R. Azuma, A. Couture, J. Görres, M. Heil, K. Scheller, E. Stech, W. Tan and M. Wiescher, The reaction rate for the destruction of fluorine in AGB stars **A758** (2005) 577c

Umeda, H., see Hayakawa, T. **A758** (2005) 525c

Umeda, H., see Nomoto, K. **A758** (2005) 263c

Utsunomiya, H., see Shima, T. **A758** (2005) 557c

Utsunomiya, H., see Shizuma, T. **A758** (2005) 561c

van den Berg, A.M., see Zegers, R.G.T. **A758** (2005) 67c

Vanderbist, F., see Angulo, C. **A758** (2005) 775c

Vanderbist, F., see Couder, M. **A758** (2005) 741c

Van Gils, J., see De Smet, L. **A758** (2005) 80c

Vangioni-Flam, E., see Descouvemont, P. **A758** (2005) 783c

Vannini, G., see Marrone, S. **A758** (2005) 533c

Vannini, G., see n_TOF Collaboration **A758** (2005) 501c

Vannini, G., see n_TOF Collaboration **A758** (2005) 573c

Vantournhout, K., see Jachowicz, N. **A758** (2005) 51c

Van Winckel, H., see Deroo, P. **A758** (2005) 288c

Vaz, P., see Marrone, S. **A758** (2005) 533c

Vaz, P., see n_TOF Collaboration **A758** (2005) 501c

Vaz, P., see n_TOF Collaboration **A758** (2005) 573c

Ventura, A., see Marrone, S. **A758** (2005) 533c

Ventura, A., see n_TOF Collaboration **A758** (2005) 501c

Ventura, A., see n_TOF Collaboration **A758** (2005) 573c

Villamarin, D., see Marrone, S. **A758** (2005) 533c

Villamarin, D., see n_TOF Collaboration **A758** (2005) 501c

Villamarin, D., see n_TOF Collaboration **A758** (2005) 573c

Vincente, M.C., see Marrone, S. **A758** (2005) 533c

Vincente, M.C., see n_TOF Collaboration **A758** (2005) 501c

Vincente, M.C., see n_TOF Collaboration **A758** (2005) 573c

Visser, D., see Lewis, R. **A758** (2005) 84c

Visser, D.W., see Thomas, J.S. **A758** (2005) 663c

Vlachoudis, V., see Marrone, S. **A758** (2005) 533c

Vlachoudis, V., see n_TOF Collaboration **A758** (2005) 501c

Vlachoudis, V., see n_TOF Collaboration **A758** (2005) 573c

Vockenhuber, C., R. Golser, W. Kutschera, A. Priller, P. Steier, A. Wallner and M. Bichler, ^{182}Hf—from geophysics to astrophysics **A758** (2005) 340c

Vomiero, A., see Costantini, H. **A758** (2005) 383c

von Brentano, P., see Harissopulos, S. **A758** (2005) 505c

von Rosenvinge, T.T., see Israel, M.H. **A758** (2005) 201c

Voss, F., see Marrone, S. **A758** (2005) 533c

Voss, F., see n_TOF Collaboration **A758** (2005) 501c

Voss, F., see n_TOF Collaboration **A758** (2005) 573c

Wagemans, C., see De Smet, L. **A758** (2005) 80c
Wagemans, J., see De Smet, L. **A758** (2005) 80c
Wahlgren, G.M., see Lundqvist, M. **A758** (2005) 304c
Wakabayashi, M., see Kubono, S. **A758** (2005) 733c
Walden, P., see Ruiz, C. **A758** (2005) 166c
Wallerstein, G., see Woolf, V.M. **A758** (2005) 344c
Wallner, A., see Vockenhuber, C. **A758** (2005) 340c
Walters, W.B., see Montes, F. **A758** (2005) 643c
Wanajo, S., N. Itoh, S. Goriely, M. Samyn and Y. Ishimaru, The r-process in supernovae with new microscopic mass formulae **A758** (2005) 671c
Wanajo, S., N. Itoh, K. Nomoto, Y. Ishimaru and T.C. Beers, The r-process in prompt explosions from collapsing O–Ne–Mg cores **A758** (2005) 615c
Wanajo, S., see Ishimaru, Y. **A758** (2005) 603c
Wanajo, S., see Tomizawa, N. **A758** (2005) 667c
Wang, B., see Liu, W. **A758** (2005) 110c
Watanabe, Y.X., see Kubono, S. **A758** (2005) 733c
Weil, J.L., see Hammer, J.W. **A758** (2005) 363c
Wendler, H., see Marrone, S. **A758** (2005) 533c
Wendler, H., see n_TOF Collaboration **A758** (2005) 501c
Wendler, H., see n_TOF Collaboration **A758** (2005) 573c
Wiedenbeck, M.E., see Israel, M.H. **A758** (2005) 201c
Wiescher, M., see Gasques, L.R. **A758** (2005) 134c
Wiescher, M., see Gyürky, Gy. **A758** (2005) 517c
Wiescher, M., see Marrone, S. **A758** (2005) 533c
Wiescher, M., see n_TOF Collaboration **A758** (2005) 501c
Wiescher, M., see n_TOF Collaboration **A758** (2005) 573c
Wiescher, M., see Pignatari, M. **A758** (2005) 541c
Wiescher, M., see Rapp, W. **A758** (2005) 545c
Wiescher, M., see Reifarth, R. **A758** (2005) 787c
Wiescher, M., see Sun, Y. **A758** (2005) 765c
Wiescher, M., see Ugalde, C. **A758** (2005) 577c
Wilhelmy, J.B., see Reifarth, R. **A758** (2005) 787c
Wilson, J.R., see Mathews, G.J. **A758** (2005) 467c
Winckler, N., see Heil, M. **A758** (2005) 529c
Winkler, C., see Mowlavi, N. **A758** (2005) 320c
Wisshak, K., see Marrone, S. **A758** (2005) 533c
Wisshak, K., see n_TOF Collaboration **A758** (2005) 501c
Wisshak, K., see n_TOF Collaboration **A758** (2005) 573c
Wisshak, K., see Plag, R. **A758** (2005) 415c
Wöhr, A., see Montes, F. **A758** (2005) 643c
Woods, P.J., see Ruiz, C. **A758** (2005) 166c
Woolf, V.M. and G. Wallerstein, Abundance survey of M and K dwarf stars **A758** (2005) 344c
Wrede, C., see Trinczek, M. **A758** (2005) 729c
Wu, K., see Liu, W. **A758** (2005) 110c
Wu, K.-S., see Shu, N.-C. **A758** (2005) 419c
Wuosmaa, A.H., see Jenkins, D.G. **A758** (2005) 749c
Wylie, E.C. and P.L. Cottrell, Heavy element abundances in asymptotic giant branch stars. I. The Hyades giants **A758** (2005) 581c

Yamada, K., see Gomi, T. **A758** (2005) 761c
Yamada, K., see Togano, Y. **A758** (2005) 182c
Yamada, S., see Sumiyoshi, K. **A758** (2005) 63c
Yamaguchi, H., see Kubono, S. **A758** (2005) 733c
Yamazaki, D.G., K. Ichiki and T. Kajino, Primordial magnetic field at the photon last scattering surface **A758** (2005) 791c
Yan, S., see Liu, W. **A758** (2005) 110c
Yanagisawa, Y., see Gomi, T. **A758** (2005) 761c
Yanagisawa, Y., see Togano, Y. **A758** (2005) 182c
Yasutake, N., M. Hashimoto, Y. Eriguchi and K. Arai, Evolutionary transition between rapidly rotating compact stars after supernova explosion **A758** (2005) 43c
Yoneda, K., see Gomi, T. **A758** (2005) 761c
Yoneda, K., see Togano, Y. **A758** (2005) 182c
Yoshida, A., see Gomi, T. **A758** (2005) 761c
Yoshida, A., see Togano, Y. **A758** (2005) 182c
Yoshida, T. and T. Kajino, Supernova neutrino process and its impact on the galactic chemical evolution of the light elements **A758** (2005) 35c

Youn, M., see Moon, J.Y. **A758** (2005) 158c
Yun, C.C., see Moon, J.Y. **A758** (2005) 158c

Zamfir, V., see Church, J.A. **A758** (2005) 126c
Zarkadas, Ch., see Harissopulos, S. **A758** (2005) 505c
Zavatarelli, S., see Costantini, H. **A758** (2005) 383c
Zegers, R.G.T., A.L. Cole, H. Akimune, S.M. Austin, D. Bazin, A.M. van den Berg, G.P.A. Berg, J. Brown, I. Daito, Y. Fujita, M. Fujiwara, K. Hara, M.N. Harakeh, G.W. Hitt, M.E. Howard, J. Jänecke, T. Kawabata, T. Nakamura, H. Ueno, H. Schatz, B.M. Sherrill and M. Steiner, Weak interaction strengths for supernovae calculations via the $(t, {}^3\mathrm{He})$ reaction on medium-heavy nuclei **A758** (2005) 67c
Zelevinsky, V., see Horoi, M. **A758** (2005) 142c
Zell, K.-O., see Harissopulos, S. **A758** (2005) 505c
Zeng, S., see Liu, W. **A758** (2005) 110c
Zilges, A., see Galaviz, D. **A758** (2005) 521c
Zilges, A., see Gyürky, Gy. **A758** (2005) 517c
Zinner, E., New results of presolar-grain studies and constraints on nucleosynthesis and stellar evolution **A758** (2005) 619c
Zinner, E., see Cole, A.L. **A758** (2005) 276c
Zinner, E., see Nittler, L.R. **A758** (2005) 348c
Zinner, N.T., see Fröhlich, C. **A758** (2005) 27c
Zyuzin, A., see Snover, K.A. **A758** (2005) 685c